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State of California THE RESOURCES AGENCY

epartment of Water Resources

BULLETIN No. 94-5

LAND AND WATER USE IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Volume 1: Text

JULY 1965

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HUGO FISHER

Administrator
The Resources Agency

EDMUND G. BROWN
Governor
State of California

WILLIAM E. WARNE

Director

Department of Water Resources

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FOREWORD

In 1956, the State Legislature declared:

"... that in providing for the full development and utilization of the water resources of this State it is necessary to obtain for consideration by the Legislature and the people, information as to the water which can be made available for exportation from the watersheds in which it originates without depriving those watersheds of water necessary for beneficial use therein ..."

The Department of Water Resources was directed to conduct the necessary investigations to compile this information.

For purposes of these studies, the major drainage areas of the State were delineated. Division of these drainage areas into subareas, designated hydrographic units, was then made. The hydrographic units, which generally comprise watersheds of individual rivers, serve as the basic unit for collection and reporting of data.

The investigation is being conducted in two phases: (1) collection and publication of data on land and water use, and (2) determination and reporting of water resources and future water requirements. Collection and processing of basic data for both phases, by hydrographic units, is underway in much of the State.

The land and water use and land classification data are being published as the Bulletin No. 94 series, covering individual hydrographic units. These bulletins are distributed in preliminary editions and reviewed at public hearings. Final editions are then published including necessary revisions resulting from comments submitted at and following these hearings. These bulletins are an essential source of data for the subsequent water requirements studies, and when complete, will provide detailed data for the entire State.

This report is the final edition of Bulletin No. 94-5 following a public hearing held in Shasta-Scott Valleys Hydrographic Unit in April 1964.

The second phase of the investigation begins with an inventory of water resources in each drainage area, including streamflows, ground water, and water quality characteristics. Estimates of future water requirements, based on the land and

water use studies and projections of foreseeable future development, are now under way in some areas. Results of these water resources and water requirements studies will be published as Bulletin No. 142 series, each covering some or all of the hydrographic units within a drainage area.

These water resources and future water requirements bulletins will provide the basis for outlining the additional projects needed to meet the State's growing water needs. By interrelating the projected water requirements of all areas of the State with the available local supplies, by decades, a recommended sequence and timing for the State's future water development plans will be established. Besides thus forming the chief basis for the Department of Water Resources' allimportant project staging program, the data on water resources and water requirements will be a most valuable guide for water development planning by federal and local, as well as state agencies.

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EPARTMENT OF WATER RESOURCES

O. BOX 388 CRAMENTO



May 11, 1965

Honorable Edmund G. Brown, Governor, and Members of the Legislature of the State of California

Gentlemen:

This is the final edition of Bulletin No. 94-5, presenting data relative to land and water use collected in 1958 and land classification in the Shasta-Scott Valleys Hydrographic Unit. In addition to the detailed material on land and water use, the report includes notes on the history, natural features, climate, and the economy of the unit. Maps of land use and land classification illustrate the text.

In March 1964 the preliminary edition of this bulletin was released, and in April 1964 its contents were discussed at a public hearing held in Yreka, California. Department of Water Resources personnel studied comments made at this hearing and revised the present edition accordingly.

This is one of a series of reports prepared by the Department under authority granted in Section 232 of the Water Code. The information contained in this series of reports, together with pertinent information from other sources, will be used in determining the amount of water which can be used beneficially in each area, and the extent of surplus or deficiency. This series, when completed, will form an invaluable reference for relating water resources of the State to the uses of its land resources.

Sincerely yours,

Director

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Attachment

STATE OF CALIFORNIA THE RESOURCES AGENCY DEPARTMENT OF WATER RESOURCES

EDMUND G. BROWN, Governor
HUGO FISHER, Administrator, The Resources Agency
WILLIAM E. WARNE, Director, Department of Water Resources
ALFRED R. GOLZE', Chief Engineer
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CALIFORNIA WATER COMMISSION

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ACKNOWLEDGMENT

The Department of Water Resources gratefully acknowledges information contributed by the numerous water users and residents of the Shasta-Scott Valleys Hydrographic Unit and various agencies of the federal, state, and local governments.

Special mention is made of the helpful cooperation of the Siskiyou County Farm Bureau for its assistance in arranging and conducting reviews of information published herein.

The Department particularly appreciates the assistance of Mr. Sedgely D. Nelson, Siskiyou County Farm Advisor, with the collection of supplementary data following the public hearing.

PUBLIC HEARING on Preliminary Edition

Bulletin No. 94-5
Land and Water Use in Shasta-Scott Valleys
Hydrographic Unit

In accordance with Section 232 of the Water Code and the Department of Water Resources policy, a public hearing was held April 14, 1964, in the Siskiyou County Courthouse, Yreka, to receive comments on the preliminary edition of Bulletin No. 94-5, "Land and Water Use in Shasta-Scott Valleys Hydrographic Unit". Mr. Robert E. Foley, Chief, Special Investigations Section, Northern Branch, assisted by other Department personnel, conducted the hearing.

The hearing was attended by 21 individuals and representatives of governmental and local agencies. Comments and data leading to modification of the preliminary edition were submitted by the following persons:

- Mr. George Marion Grieb, Hornbrook, California
- Mr. M. V. Maxwell, Chairman, Siskiyou County Resources Board, Yreka, California
- Mr. Sedgely D. Nelson, Farm Advisor, Yreka, California
- Mr. Richard M. Berry, Manager, Scott Valley Irrigation District

CHAPTER T. INTRODUCTION

This bulletin presents basic data on land and water use in portions of Shasta River and Scott River watersheds. These areas, located in Siskiyou County, are designated herein as the Shasta-Scott Valleys Hydrographic Unit. The data cover present land and water use, classification of lands, systems used to divert surface waters, histories of diversions, apparent water rights pertinent to each diversion, purpose and extent of use of diversions, seasonal quantities of water diverted during 1958, and an estimate of present consumptive use of water in the unit. A general description and a brief history of the area are also included.

These basic data were gathered during the period 1950-59 in compliance with Chapter 61, Statutes of 1956, as amended by Chapter 2025, Statutes of 1959, and codified in Section 232 of the Water Code of the State of California. This legislation provides for an inventory of water resources and water requirements of the State. This is the fifth of a series of bulletins to be prepared under this authorization. The text of Section 232, with a discussion of its history and implications, is included in this bulletin as Appendix A.

These data will provide the basis for a future determination of the quantities of water reasonably required for future beneficial use within the Shasta-Scott Valleys Hydrographic Unit. Preliminary estimates of these quantities were published in State Water Resources Board Bulletin No. 2, "Water Utilization and Requirements of California," Department of Water Resources Bulletins No. 58, "Northeastern Counties Investigation," and No. 83, "Klamath River Basin Investigation."

Final determinations of future water requirements will be based on estimates of: (1) future land use, (2) economic considerations, (3) population, (4) industrial and agricultural development, and (5) recreational needs.

The data presented herein have been reviewed in preliminary form by representatives of Siskiyou County, the Water Study Committee of the Siskiyou County Farm Bureau, and local water users. These groups submitted changes, which were reviewed in the field, and adjustments were made where warranted.

Organization of Report

This bulletin is basically a compilation of data in the form of tables and plates, with supplemental explanatory text.

The report consists of five chapters, four appendixes, and three plates.

Chapter I contains a general description and brief history of the Shasta-Scott Valleys Hydrographic Unit. Chapter II, "Water Use," presents data on surface water diversion systems, related water rights information, measurements of quantities of water diverted, and an analysis of consumptive use. Chapter III, "Land Use," includes a history of land use within the unit, and tables of present land use. Plates prepared in connection with Chapters II and III delineate the areas of various present land uses and the locations of diversion systems. Chapter IV, "Land Classification," includes a tabulation of lands classified with regard to their potential for irrigated agriculture and for recreational purposes. Plates prepared for this chapter delineate the respective classes of land grouped into several major categories. Chapter V summarizes the report.

Appendix A presents the text of Section 232 of the California Water Code and a discussion of the pertinent responsibilities and work program of the Department of Water Resources. Appendix B is a bibliography of publications pertinent to the Shasta-Scott Valleys Hydrographic Unit. Appendix C presents a short summary of California water law, a review of litigation involving water rights in the unit, and a tabulation of applications to appropriate water in the unit. Appendix D presents details of six diversions which could not be adequately described in tables contained in Chapter II.

General Description of Area

Location

The Shasta-Scott Valleys Hydrographic Unit, which contains 1,456 square miles of central Siskiyou County, lies within the Klamath River Basin of the North Coastal area as shown on Plate 1. The unit includes the entire watershed of the Shasta River and that portion of the Scott River watershed which is above the gaging station "Scott River near Fort Jones," located 20 miles above the confluence of the Scott and Klamath Rivers. The unit is bounded by the watersheds of the Klamath River on the north, the Salmon River on the west, the Trinity and Sacramento Rivers on the south, and Butte Creek on the east.

The Shasta River heads in the Eddy Mountains and flows northerly for approximately 50 miles through Shasta Valley to its junction with the Klamath River. Major tributaries are Little Shasta River, Greenhorn Creek, Yreka Creek, Willow Creek, Parks Creek, Boles Creek, Beaughan Creek, and Carrick Creek.

The headwaters of the East Fork Scott River rise on China Mountain about 7 miles southeast of Callahan. The headwaters of the South Fork Scott River are the mountain lakes about 5 miles southwest of Callahan. These two forks merge at Callahan to form the Scott River. Which flows northerly for approximately 30 miles along the east side of Scott Valley to Fort Jones, then wester of for 10 miles, where it leaves the valley and the hydrographic unit. Major tributaries to the Scott River are Shackleford Creek, French Creek, Etna Creek, Kidder Creek, McAdams Creek, and Moffett Creek.

For purposes of this report, the Shasta-Scott Valleys Hydrographic Unit has been divided into 20 subunits, shown on Plate 1. The area of each subunit is shown in Table 1.

Historical and Present Development

Like most of the American continent prior to the white man's arrival, Shasta and Scott Valleys were inhabited by Indians -- the Shastas in Shasta Valley, and the Ottitiewa Tribe in Scott Valley. The first known white man to enter the area was Gene Baptiste McKay, who camped near Sheep Rock on the eastern side of Shasta Valley in 1825. Peter Skene Ogden made the first recorded mention of Mt. Shasta on February 14, 1827. He called it Mt. Sastise, and the river Sastise River.

A party of Hudson's Bay Company trappers, under the guidance of Alexander Roderick McLeod, came down the Oregon Coast in 1827 and passed through Scott Valley on their way to the Sacramento Valley. They called it Beaver Valley, due to the large number of beaver inhabiting the area.

TABLE 1

AREA OF SUBUNITS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Subunit	: Acres	: Square miles
Ball Mountain	30,960	48
Callahan	33,440	52
Dwinnell Reservoir	147,140	230
East Fork	72,910	114
Eddy Creek	18,300	29
Etna	54,750	86-
Grass Lake	17,260	27
Grenada	44,970	70
Kidder Creek	42,360	66
Little Shasta	92,780	145
Lower Scott Valley	53,670	84 -
McAdam Creek	35,620	56
Moffett Creek	43,570	68
Parks Creek	17,220	27
Shackleford Creek	23,710	37
South Fork	64,260	100
Stewart Springs	18,100	28
Weed	32,590	51
Willow Creek	49,260	77
Yreka Creek	39,030	61
TOTAL AREA	931,900	1,456

Several trapping and exploring expeditions passed through the two valleys, but the area remained almost unknown until the discovery of gold at Coloma. Major Reading's discovery of gold on the Trinity River led to the search for the precious metal on other northern streams. Would-be miners came from the Sacramento Valley, from the Pacific Coast up the Klamath River, and south through the mountains from Oregon.

In March of 1851, a party of miners led by Dr. F. G.

Hearn, passing over the Siskiyou Mountains from Oregon to Scott

Bar, was delayed at Ieka (Yreka) Creek after a three-day rainstorm.

During the delay, Abraham Thompson noticed flecks of gold in the

roots of grass that were turned by the stock and washed by the rain. Upon panning, he found the topsoil to be extremely rich. The area became known as "Thompson's Dry Diggings," and within six months after Thompson took out the first gold, 5,000 people inhabited the area. Stores, saloons, and gambling houses became part of the settlement known as Shasta-Butte City. This name was later changed to Yreka when Siskiyou County was formed in 1852. As was found to be the experience in other gold mining areas, a decline in population followed the disappearance of the more readily accessible deposits. Population in Yreka, presently the largest town in the unit, dropped to about 1,000 people in 1870, and remained under 1,300 until about 1920. Since that time, the population increased to 2,500 in 1940, and 4,800 in 1960.

Weed, the second largest town in the unit, was established in 1900, when a large sawmill and lumber products manufacturing plant were constructed. Although some of the town's growth between 1900 and 1960 can be attributed to tourist trade passing through on U. S. Highways 99 and 97, the major changes in Weed's economic activity can be traced to changes in the output level of lumber products. Since World War II, this lumber mill has become a part of the largest forest products firm in the United States, the International Paper Company. During the past 15 years, a plywood plant and other manufacturing facilities have been added. Population has consequently increased from about 2,700 in 1950 to 3,200 in 1960.

Montague, the third largest town, is located 6 miles east of Yreka, in a dairying and stock raising community. The

surrounding farmland was developed prior to 1920 by a local land company, and agriculture of the area has not expanded greatly since that time. The population of Montague has increased slowly from 250 in 1890 to 500 in 1930, and to about 800 in 1960.

Edgewood, Gazelle, and Granada are small, unincorporated towns on the stage line of the old California-Oregon Trail.

The town of Etna was originally known as Rough and Ready Mills, for the flour mills established there in 1856. The town originally served as a supply center for the southern Siskiyou gold mining area. After the gold rush, Scott Valley developed into an agricultural area, and Etna became the agricultural center for the southern portion of the valley. Population of the town has fluctuated from about 360 in 1880, to 500 in 1900, to 380 in 1930, and about 600 in 1960.

Fort Jones, known variously as Ottitiewa, Wheelock, and Scottsburg, was established in 1851 as a hotel and stage station on the road from Yreka to Callahan. In 1862 the present name of Fort Jones was adopted from an army post 1 mile to the south, which had existed from 1852 to 1858 for protection against the Indians. Population has increased slowly from 250 in 1890 to about 500 in 1960.

At the junction of East and South Forks Scott River, a wayside inn was founded in 1851 for miners crossing the Scott Mountains from the south. This was the first stage station to be built in Siskiyou County. In 1854 the Callahan Ranch Hotel was built. The building is still in use today, containing the post office and general store. Although no precise estimate of the



Town of Yreka



City of wood -- International Paper Company

population of the town proper has been made, school attendance indicates that Callahan has less than 100 residents.

During the 1850's, the community of Deadwood, then second in size only to Yreka, was formed at the junction of Deadwood and Cherry Creeks, 8 miles west of Yreka. This was a rich gold area and was mined extensively until 1900. Very little remains today to indicate that a prosperous mining community once occupied the site.

The Shasta-Scott Valleys Hydrographic Unit contains approximately 568,000 acres of commercial timberland, with a volume of about 8.8 billion board feet. About 70 percent of this acreage is in private ownership, the remainder being in either national forest, Indian lands, or public domain. Coniferous timber in the area is composed of three principal types: pine, Douglas fir, and true firs.

In 1958, two sawmills were operating in Scott Valley, with a combined capacity of 40 million board feet per year. In Shasta Valley, there were four sawmills with a total capacity of about 100 million board feet per year, a plywood plant with an output of 360 million square feet, and a lumber remanufacturing plant with a capacity of 30 million board feet per year.

Agriculture ranks next to lumbering in Siskiyou County's economy. About one-half of the county's total agricultural production comes from Shasta and Scott Valleys. Beef cattle production is the principal source of agricultural income in the hydrographic unit, followed in importance by hay and grain crops.

Gold mining, which was the initial stimulus to settling of the area in 1850, has continued to be an important element in



Shasta River Dam, Dwinnell Reservoir



in an arthurate

the unit's economy. Although production dropped off during World War II, it amounted to approximately \$460,000 during 1955, and \$260,000 during 1958. Sand and gravel output during 1958 was valued at about \$230,000; miscellaneous stone at about \$110,000; and the production of chromite was about \$30,000.

Natural Features

The Shasta-Scott Valleys Hydrographic Unit consists of the two valleys and surrounding mountains. Shasta Valley, which has a north-south length of about 30 miles, and a maximum width of 15 miles, has an area of about 220 square miles. The valley varies in elevation from about 2,500 feet above sea level near Montague to about 3,000 feet near Edgewood. It is situated along the eastern slopes of the Klamath Mountains and includes a portion of the western slopes of the Cascade Range.

In the west-central portion of Shasta Valley, rocks typical of the Klamath Mountains geomorphic province give way eastward to the Tertiary and Quaternary volcanic rocks of the Cascade Range. The valley may be divided into four areas having distinct geologic and topographic characteristics. These are:

(1) a discontinuous gently eastward-sloping alluvial plain along the western portion of the valley; (2) an area of volcanic hillocks, ridges, and alluvial flats in the western and central parts of the valley; (3) a large, gently sloping recent basaltic lava flow. Which covers most of the southeast quarter of the valley; and (4) dissected, gently sloping coalescing alluvial fans at the north end of the valley. The Cascade Range bordering the east

side of Shasta Valley consists of a north-south trending chain of dormant or extinct volcanoes. Mount Shasta, the highest volcanic cone in the chain, rises almost 2 miles above its base to 14,162 feet above sea level at the southeast end of Shasta Valley, to dominate the surrounding landscape.

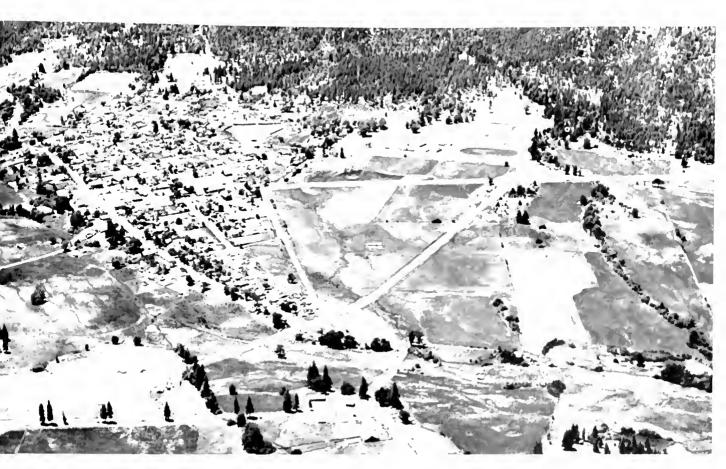
Scott Valley, which has a north-south length of about 20 miles, is narrow at its southern section near Callahan, and widens to about 7 miles near Greenview. The area of the valley is approximately 100 square miles and, like Shasta Valley, varies in elevation from about 2,500 feet to 3,000 feet above sea level. Southeast of the valley are the Scott Mountains; to the west and south are the Salmon Mountains; and to the north and northwest are the Scott Bar and Marble Mountains. Formations surrounding and underlying the valley fill consist of bedrock of pre-Silurian to Jurassic and possibly Cretaceous age. The alluvial fill consists of unconsolidated Pleistocene and Recent deposits.

Soils of the Shasta and Scott Valleys differ markedly as to their mode of formation, physiographic configuration, age, and parent rock material. These differences are significant when considering the respective crop adaptabilities of the two valleys. The soils can be arranged into four groups: (1) recent and young alluvial soils; (2) morainic soils; (3) older valley-filling soils; and (4) upland or residual soils. All of these types are found in Shasta Valley, but Scott Valley is comprised largely of alluvial soils.

The soils of Shasta Valley have been severely modified by volcanic activity in the Mt. Shasta region. Many ridges and



Lower Scott Valley, Fort Jones



Town of Etna

mounds of extruded volcanic rocks have broken the valley into numerous small and sometimes isolated pockets of irrigable soils. Glacial action has left an extensive area of coarse-textured, stony morainic soils in the southern end of the valley. Some limited areas of alkali are scattered throughout the valley. However, analysis of soil samples has indicated that the alkali problem is not serious. The older valley-filling soils of Shasta Valley are shallow, with undulating hardpan below.

Crop adaptability of the land of Shasta Valley is limited by the presence of rock, coarse-textured materials, and root-restricting hardpans. Further restrictions are imposed by spring flooding and short growing seasons. Crops such as pasture, alfalfa, small grains, and selected field crops, will probably continue to be the major crops grown in the valley.

Crop adaptability in Scott Valley has the same general limitations as Shasta Valley. A major portion of the soils of Scott Valley are recent and young alluvium from mixed or sedimentary parent rock sources. The western edge of the valley has several areas of coarse and stony soils. Many of the soils found adjacent to existing water courses are subject to a high water table in the early spring. At present, the valley produces alfalfa, grain, meadow pasture, and a limited selection of field crops. Over-irrigation has greatly reduced the carrying capacity of much of the meadow pasture land. Crop adaptability of most of this area is more limited by climatic environment than by soil restrictions. In the future, Scott Valley is likely to shift toward greater field arop production and a more intensive management of pasture lands.

Climate

Unit is characterized by warm dry summers and moderate wet winters. In the valleys, the average maximum temperature for July, the hottest month, is approximately 92°F. The average minimum for January, the coldest month, is about 23°F. In higher elevations of the mountains, the temperature decreases about one degree per 300 feet of elevation. The mean and extreme temperatures, and the average frost-free period, for four representative stations, are shown in

TABLE 2

SUMMARY OF RECORDED

TEMPERATURES AT SELECTED STATIONS IN
OR NEAR SHASTA-SCOTT VALLEYS
HYDROGRAPHIC UNIT

Station		:temper	o _F .	:tempe:	treme ratures, ^O F. : Max.		<pre>: Period : of : record</pre>
Callahan Ranger Station	3,136	34.3	66.8	-6	106	114	1953-1959
Yreka	2,631	36.7	67.2	-11	112	138	1931-1952
Fort Jones R. S.	2,720	33.9	66.5	-23	110	108	1936-1953
Mt. Shasta City	3,544	36.0	62.5	-2	103	134	1921-1950

^{*} For period of record.

About 75 to 80 percent of the precipitation occurs from October through March, with occasional thundershowers during the

summer months. The mean seasonal precipitation, for six representative stations, based on or corrected to the period 1905-06 to 1954-55, is shown in Table 3.

TABLE 3

SUMMARY OF MEAN ANNUAL PRECIPITATION
AT SELECTED STATIONS IN OR NEAR
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Station	: : :Elevation:	Precipitation: (in inches):	Period of record
Callahan Ranger Station	3,136	19.44	1945-1960
Etna	2,912	24.14	1934-1959
Fort Jones Ranger Station	2,720	20.16	1935-1959
Montague	2,538	12.58	1887-1959
Mt. Shasta City	3,544	33.53	1888-1960
Yreka	2,631	17.32	1871-1959

Water Resources

The flow in the Shasta and Scott Rivers is extended into the summer, beyond the main precipitation period, by the melting snowpack of the Eddys, the Scott Mountains, and the Salmon Mountains. Boles Creek, Beaughan Creek, Carrick Creek, Big Springs, and other small streams and springs in Shasta Valley are supplied by underground flow from the melting glaciers of Mt. Shasta.

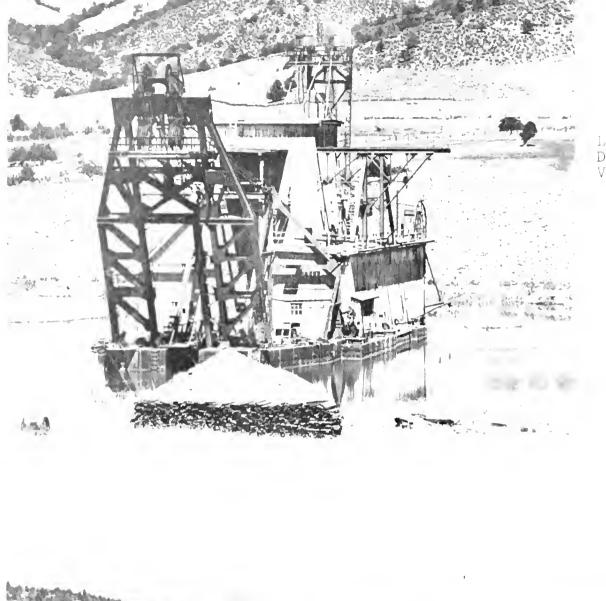
Runoff from the hydrographic unit is measured at the gaging stations designated as Shasta River near Yreka and Scott River near Fort Jones. Pertinent information obtained from these stations for the period indicated is summarized in Table 4.

TABLE 4

SUMMARY OF RUNOFF DATA FOR SHASTA RIVER NEAR YREKA AND SCOTT RIVER NEAR FORT JONES

:_	Shasta			River
Item of record :	Acre-feet :	Period :	Acre-feet :	Period
Average annual discharge	130,000	1931-41 1945-58	488,700	1941-58
Minimum annual discharge	56,500	1933-34	168,800	1943-44
Maximum annual discharge	254,900	1957-58	944,300	1957-58
Minimum summer dis- charge (April - September)	11,500	1934	90,800	1955
Maximum summer dis- charge (April - September)	90,050	1941	407,810	1952
Minimum monthly discharge	513	8/39	1,910	9/55
Maximum monthly discharge	47,800	12/55	200,500	12/55
Shasta River Minimum instantaneous Maximum instantaneous	flow 6	3.4 cfs ,090 cfs	(8/13/38) (12/22/55)	
Scott River Minimum instantaneous Maximum instantaneous		20 cfs ,500 cfs	(9/14/55) (12/22/55)	

For the irrigation season April through September 1958, during which diversion measurements were made in this investigation. the runoff measured at Shasta River near Yreka was 226 percent of the average, and 169 percent of the average at Scott River near Fort Jones.



Left: Gold Dredge, Scott Valley

> Below: Dwinnell Reservoi



CHAPTER II. WATER USE

Water requirements in the Shasta-Scott Valleys Hydrographic Unit are met almost entirely by diversion of stream runoff; however, a limited portion is supplied by ground water. A survey of surface water diversions was made for this investigation. The results of the survey include diversion locations, descriptions, uses, amounts of water diverted, and apparent water rights information relating to diversions. Diversions of water for all purposes are reported, except those which involve amounts less than approximately 10 acre-feet per season.

Quantities of water diverted during 1958 were measured in order to further describe the diversion systems. The measured quantities do not necessarily represent average diversions, since in any single year the quantity diverted will be influenced by precipitation during the growing season and the available streamflow. As was mentioned in Chapter I, 1958 was an unusually wet year in Shasta and Scott Valleys. Factors other than available water supply, such as economic factors, may also affect the degree to which any diversion record represents typical operating conditions. No attempt was made to assess these factors in this report. Generally, the diversion quantities reported are the actual amounts of water taken from the respective sources, and therefore include the recoverable and irrecoverable losses incidental to the primary uses, which may be consumptive, such as irrigation, or nonconsumptive, such as in the production of hydroelectric power.

Locating water wells and measurement of their production were not covered in this investigation. However, the areas of lands

irrigated by water from all sources, including underground sources, were determined in the land use survey, which is described in Chapter III.

Municipal water service in the unit is provided in the following localities:

Location	Owner	Source
Etna	City of Etna	Etna Creek
Fort Jones	Dunsmuir Water Corporation	Wells
Montague	Montague Water Conservation District	Little Shasta River
Weed	International Paper Company	Beaughan Creek
Weed	Shastina Water Service	Boles Creek
Yreka	City of Yreka	Greenhorn Creek Yreka Creek

Water Rights

Water rights are an important consideration when determining the quantities of water which are surplus to the present and future needs of an area. Therefore, information relative to the apparent water rights associated with the surface water diversions described herein was obtained. These rights are based on appropriative or riparian status, and may have been defined by adjudication.

Water rights are rights in property which, because of their obscure establishment, are frequently the subject of controversy and litigation. Most of the water rights in Shasta Valley, and some of the water rights in Scott Valley, have been adjudicated. Others have been defined in private agreements. These actions, and the California law of water rights, are described briefly in Appendix C.



Big Springs, Shasta Varrey
Lumber Mill, Weed



Most of the remaining water use in the unit is based on riparian rights, or on appropriative rights established prior to 1914. As of June 28, 1960, a total of 68 currently active applications had been made in the unit under provisions of the Water Commission Act of 1913. Permits or licenses had been granted for 66 of these applications, and 2 were incomplete. All of these applications are tabulated in Table C-1.

Surface Water Diversions

All diversions of more than 10 acre-feet per year in use in 1958 and the preceding five years were included. The date of last use of discontinued diversions was recorded, if known. Direct diversions, as well as those involving significant surface storage, were located. All reservoirs which had surface areas of about 3 acres or more were mapped. Three acres was considered the minimum area which could be delineated with reasonable accuracy on the aerial photographs used. Reservoirs located along, and operated in conjunction with, canals and ditches are shown on the land and water use maps, but are not considered as separate systems, and are not assigned location numbers. Similarly, supplies obtained from small, intermittent streams intercepted by canal systems are not classed as separate diversions.

In some situations, water users have made efficient use of water by rediverting field runoff or spill collected from their own upstream diversion systems. In this investigation, the point of such rediversion is neither located on the maps nor assigned a number. If return flow from another water user's operation is rediverted, however, or if there is doubt as to the origin of the

water, the diversion is delineated and assigned a number. Diversion systems of water companies or groups of water users are considered as single units; individual customer distribution points are not shown on the maps.

A total of 547 surface water diversions were located in this unit in 1958, and are classified by primary use as follows:

Primary use	Number of diversions
Irrigation	529
Municipal	10
Industrial	6
Power	1
Recreation (golf course)	1

Points of diversion and main canals or pipelines used to convey the water are delineated on the 18 sheets of Plate 2, "Land and Water Use." The diversions are described in Table 5.

Numbering System for Surface Water Diversions

Surface water diversions are numbered by a system which indicates their location by township, range, and section within the federal land survey system. Each section is subdivided into 40-acre plots, lettered as shown in the legend on each sheet of Plate 2. Diversions are numbered within each of these 40-acre plots according to the order in which they were located. For example, diversion 41N/5W-4Fl, which is shown on Sheet 15 of Plate 2 as "4Fl", is the first diversion located in the SE4 of the NW4 of Section 4 in Township 41 North, Range 5 West, Mt. Diablo Base and Meridian (MDB&M).

Descriptions of Surface Water Diversions

Description, history, and other information relating to surface water diversions were obtained by field inspection, by interview with water users or their representatives, and by reference to prior reports and official records. This information is contained in Table 5. Data in the table are arranged by diversion number within each subunit.

Each diversion location in Table 5 is followed by the name of the owner, the source of water, the uses served by the diversion, the quantity of water diverted during 1958, the extent of use, and the method of water application. If the purpose listed is not the usual use for that diversion, notation is made in the remarks column.

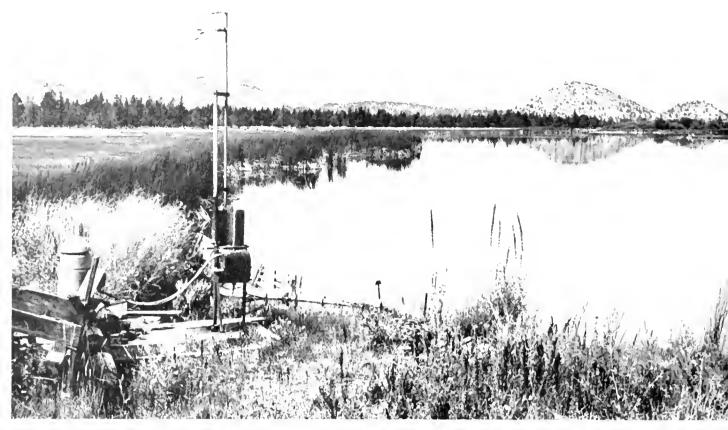
In some cases the reported quantities of water diverted appear excessive when related to the areas of land irrigated. These are generally for those diversions with earth canals several miles in length. Since the measurements were made at or near canal intakes, the quantities include losses such as percolation, as well as water applied to the lands. The quantities of water applied to the land may, therefore, be considerably less than the indicated amounts diverted. The extent of domestic use is specified only when five or more connections are served. Stockwatering of less than 10 head of livestock is considered to be a domestic use. The extent of irrigation use is based on the land use survey described in Chapter III.

The type of water right under which the respective diversions are considered to be made is indicated in Table 5 as the "apparent water right". The determination of this item is based upon the best information available from the owner, from

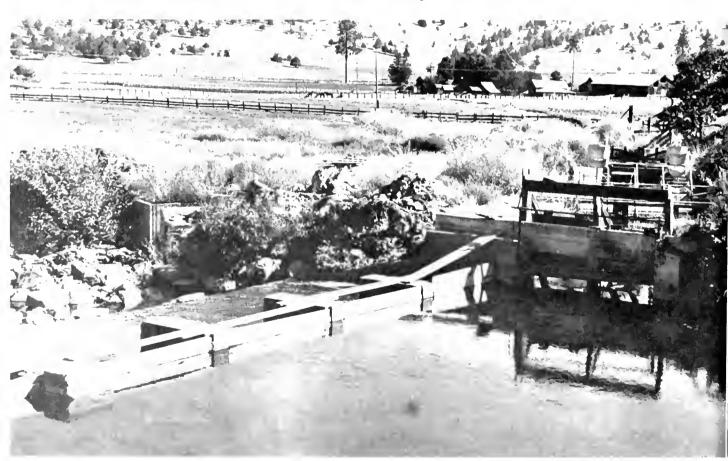
files of the State Water Rights Board, from court decrees, from official records, and from other sources. The actual amount of the right, if established and known, and a reference to the source of data, are also included. Although this information is believed to be accurate, it is emphasized that it is not based on sworn claims or testimony, and should in no way be construed to represent a conclusive determination of water rights.

Diversions for which water rights have been adjudicated are listed in Table 5 as "adjudicated". Those based on appropriative rights are listed as "appropriative". Those which have been neither adjudicated nor based on appropriations, but for which the area of use is apparently riparian to the stream or other water source, are listed as "riparian". The areas of use for many of the diversions listed as adjudicated or appropriative are probably riparian to water sources, but no attempt was made to make such determinations.

In the case of an adjudicated right, the amount of the decreed right is tabulated. For an appropriative right, the amount tabulated is that found in the filing, if any, in the application, or in the latest permit or license which may have been issued. The reference given for an appropriation initiated after the effective date of the Water Commission Act (1914) is the number of the application on file with the State Water Rights Board. For appropriations prior to 1914, the reference, if known, is the book and page number of the official county record in which the filing is recorded. Such filings were made in accordance with Sections 1410 and 1422 of the Civil Code as enacted in 1872,



Eury Diversion -- Hig Springs, Shasta Valley



leadity biver in a least Valuey Irrigation District

which preserved the priority of a diligent appropriator from the time of filing, and enabled him to prevail over a concurrent nonstatutory appropriator.

A detailed description of the diversion systems, including dams, pumps, and main conduits, as well as any special features, is included in Table 5. The diversions are also classified as gravity, pump, or storage, according to the following descriptions:

Gravity diversion - A system in which water is taken from its natural course at a diversion structure and conveyed by gravity through a canal or pipeline to the area of use. Such a diversion may have a reservoir on the stream but the capacity is small compared with the amount of water diverted, and provides no significant carryover storage from winter to summer.

Pump diversion - A system in which water is pumped from its natural course through a pipeline to the area of use or to a gravity conduit located at a higher elevation.

Storage diversion - A system consisting of or including a surface reservoir having significant carry-over storage within each season or from season to season.

Systems which do not conform exclusively to one of these basic types are listed as combinations of those types which best describe them.

The remarks contain such information as the names of former owners, known changes of ownership since 1958, and further details explaining entries in the other columns.

Detailed information with respect to diversions, which could not be presented adequately in Table 5, is included in Appendix D.

4675100				Woter use in 1958		App	Apporent water right	right	Indicated date of		
acotton and Plote 2 sheet number	Diversion nome ond/or owner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Type	Amount	Reference	oppro- priotion or first use	Description of diversion eystem	Remorks
					es .	ALL MOU	BALL MOUNTAIN SUBUNIT	TINO			
2. 3. 1. 2.						_		7.			
John January	Goose Mest Properties, Inc.	Little chasta River	Imig.	19 acree by flooding	Not meas. Adjud.		0.30 cfs Par. Lul	Par. 141	1856	Gravity; 0.7 mile of earth ditch.	Former owners: it. Mills, tharles soule.
JSN/3x=4A2 Sheet 3,	Joose hest Properties, Inc.	Little _hasta River Irrif.	Irrię.	25 acres by flooding	Not meas. Adjud.		0.23 cfs 1	Far. 1438	1856	Gravity; 0.8 mile of earth ditch.	Former owners: M. Mills, charles woule.
15%/3W-1422 Sheet 31	Ida A. Martin	Spring tributary to Little Jasta Edver	lrrig.	29 acres by flooding	Not meas. Adjud.		0.20 cfs h	Far. 242 ⁸	1856	Uravity; 0.2 mile of earth ditch.	Former owner: C. V. Smith.
(Sheet 3)	Ida A. Martin	South fork Little Shesta Häver	lrdg.	L2 acres by flooding	Not meas. Adjud.	Adjud.	0.10 cfs Par. 244	Par. 244	1850	Gravity; O.t mile of earth ditch.	Former cyner: c. 7. Smith.
							_				
						CALLAH	CALLAHAN SUBUNIT	<u></u>			
LON/8#17J1 (Stent Ir)	Alver Ditch hurb Duffy Jeorge E. Moore Clifford Suddereth	Scott River	Irrik.	63 acres by flooding and sprinkler	2,003	Арргор.	1,000 MI Bk. 1, s	Bk. 1, s Pg. 31	About 1872	Gravity; rock dam with 3.5 miles of earth ditch.	Förmer owner: jarüner
LO:/En=20R1 (Shee* 16)	Hazel Owens	South Fork Scott River	Munic. Irrig. Stock.	30 connections 3 acres by flooding	727	Riparian	1	;	Prior 1855	Gravity; concrete dam 3 feet high, 10 feet long with 0.7 mile of earth ditch.	Former owners: Callanar, white, Mouride, Jenny, blackburn, Haydon brothers.
LCN/94-101 (Sheet 14)	Rounte Fowler	Squaw Gulch	Irrig.	27 acree by flooding	Not meas.	(a)	1	:	About 1955	Gravity; gravel dam with 0.5 mile of earth ditch.	
(Sheet 16)	earmers Litch Co.	Scott diver	Irriy.	1,288 acres by flooding*	12,790	Mparlan	3	;	About 1870	Gravity; rock and earth dam with ll. 3 miles of earth ditch and a small storage reservoir.	Previously irregated an additional 30 acres. Area irrigated includes 302 acres normally irrigated jointly with .lb/ya-1921.
(Sheet it)	C. a. Strucell	Sugar Greek	Fring.	(*)	Hone	(9)	1	ł	Frior	Gravity; log dam with 0.8 mile of earth ditter.	Former whire . rank bullivan. Previously irrigated an estimated 15 acres.
(Sner 16)	olenn parmes 5	Swar Oreek	· Alari	17% acres by flooding	1,179	Adjud. Adjud. Approp. Approp.	60 HI 70 MI 1.25 efs 2.25 cfs	(q) Par. 2 Appl.15769 ^c Appl.15770 ^c	1869	Gravity; rock dam with 7.5 miles of earth litch.	rormer cumers: verty, Fay, Edward atton, teas.
uoh/94-11.1 (Ghee: 16)	C. w. usrdwell	Sugar Greak	Irrig.*	•	None	Adjud.	100 MI	Par.	1473	Gravity; rock dam with 1. miles of earth ditch.	Corner owners: Frank Jullivan, J. Ross wade, C. S. Artuckir. Irrigated 15 acres until 1958.
CSher 16)	C. w. Eirdwelle	Swar Creek	Trib Cock.	36 acres by flooding 30 head	770	Adjud.	55 MI*	Ď,	1869	Gravity, rock dan with U.6 mile of carth. ditch.	Former owners: rran, Sullivan, R. Pailline advoir able equal owners butter A. and Johanna ". Alten Amoun: of mater right may also be diverted all or in part by UGV/x-1222.

[•] See remarks.
• Por additional information see Appendix D "Petalide Descriptions of Certain Surface data Diversions".

- Information not available.

Por lettered footnotes, see last page of table.

TABLE 5 (Continued) DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Water use in 1958		App	Apporent water right	right	Indicoted dote of		
ond Plote 2 sheet number	Diversion name and/or owner	Source	Purposa	Extent and method of use	Amount diverted in scre-feet	Type	Amount	Raferencs	appro- priotian or first use	Description of divaration system	Remorks
					CAL	T LAHAN S	I 1 1 CALLAHAN SUBUNIT (Continued)	(pentinned)	:		
N 2 8 4 N						_		_			
LON/WH-1762 (Sheet 16)	C. w. Birdwelle	Sugar Creek	Irrib.	h acres by flooding	100	Adjud.	(*)	(b)	1869	Gravity; log dam with 0.5 mile of earth ditch.	Former owners: Frank Sullivan, M. Pauline Watson. Subsequent owners bugene A. and Johanna V. Allen. For water right details see LON/W-12F1.
LIS/9#-281 (Sheer 13)	Scott valley Irragation District	Scott Eaver	17756.	3,924 acres by flooding*	9,116 ⁿ	Approp.	62.5 cfs	Appl. 512°	1918	Gravity; concrete dam ? feet high, 50 feet long with 15.7 miles of earth ditch.	** Previously irrigated an additional 19 acres.
Llh/94-vil (Shevt 19)	J. T. Mrmons	Clark Creek	Irrip. Stock.	100 acres by flooding 200 head	966	Approp.	1	1	Prior 1900	Gravity; earth and rock dam with C.6 mile of earth ditch.	Former owners Sam Larry.
11h/s4-10-1 (Shert 13)	C. A. Hall	Clark Greek	lrms. Stock.	35 acres by flooding.	375#	Riparian	:	:	Prior 1900	Gravity; earth and gravel dam with 6.3 mile of earth ditch.	Former owner: Thrmonic, Uses indicated received supplemental supply from hill/Gw-1511.
ol taminhi Sheet il	7. 4. 7all K. 5. Richman	Prynch Ornek	Irrie. Stock.	luch acres by flooding*	601	Adjud.	0.21 cfs I 0.76 cfs I	Div. 1178 Div. 1484	About 1900	Gravity; carth and rock dam with C.7 mile of earth ditch.	Area irrigated recolved supplemental supply from a well.
113/94-11E1 Tret 131	A. 4all	lark Crwek	Irrig.	15. aeres ty floodings 100 head	Sot meas.	Mpartan	1	:	Prior 1880	provity; U.2 mile of earth ditch.	Former owner: Pete McBride, Usee indicated received supplemental supply from hIN/9W-IIF1.
L15/0x=11F1 (Sheet 13)	A A MALL	Jark Crek	Irrip. Stock.	(*)	Hot meas.	Riparian	i	1	Prior 1880	Uravity; U.2 mile of earth ditch.	Former owner: Pete .corido. Supplemented 41N/9W-11E1 for usas reported thereunder.
with in 1961 Seet in	Lumie ii. Jenny. nu al.	Scott Miver	lrrig.	(0)	Nobe	Hipaman	1	1	Prior 1887	Jravity; Travel dam with 0.9 mile of earth ditch.	Former owners: McConnaghy, Faul Denny. Irrigated 102 acres joinly with LON/0w-101 until 1958.
2.ect 13.	. A. rall wrthelser	rench Creek	Irriy. Stock.	27 acres by flooding: 125 head	329	Adjud.	0.55 cfs I	51v. 47 ^d	Prior 1900	dravity; earth and rock dam with a scort 18-inch pipe and C.8 mile of earth disch.	Former where: F. Jones, Clark.
1, 12, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Teell	Franch Crewk	Irrir. Stock.	H3 acres by floodings 100 head	800g	Adjud•	2.09 efs I	ы ч. цц	Prior 1890	iravity; earth and rock dam with 1.c miles of earth ditch.	Former owner: J. Doll. Amount diverted irrigated an additional li6 acre. jointly with his/9=23%1.
	10 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Trnck Creek	Stude.	24c Acres by flooding and sprinkler 750 head	1,7132	Adjiul.	1.43 efb I	Daw, La	1852	iravity; earth and rock dam with like miles of earth dirch.	Portion of amount diverted supplemented Ultreunder
12/2/2	Trb ors trop	المعاملة الم	1775r.	624 acres 19 Dording and scrinklers 920 read	1,1923	Adjud.	32000	biv. 17	THRO 1980	iravity; concrete dam t feet, high, 75 feet long with to miles of earth ditch and two regulatory reservoir:	Previously irrivated an additional 27 acres. Fortion of anount inverted supplemented [23]/s=201 inverted subunit, for use reported thereunder. seeaked supplemental supply from blivities of supplemental supply from mutil 1956.

[•] An include the formation see Appendix D = Formatting the additional information of Certain unface = Information and additional and additional and the formation and additional additional

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TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Water use in 1958		Αρρί	Apporent water right	right	indicoted dote of		
Location and Plote 2 sheef number	Diversion name and/ar owner	Source	Purpase	Extent and method	Amaunt diverted in acre-feet	Туре	Amount	Reference	appro- prightan or first use	Description of diversion system	Remorks
					CALLAH	AN SUBU	CALLAHAN SUBUNIT (Continued)	(penu			
V	F	Tett. Fish propost	Irrir. tock.	is avera by thoughn,	Not meas.	Ad ud.	1,12 cfs	bav, 18	Prior 1455	Gravity; log dom 4 fret hither, all feet cong with? mile of earth ditch.	Former Farmers: O'Connell and Brien, Designal, Shedium, Foller, Miles, Colla- Area Intripled (prepaint), precised succeptantial suscent from with Medical
- 44 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Manda in the Mark	Torch Purk Errich Creek	Irrig.	(3)	Mone	Adjud.	U. W. ofs.	Div. 19 ^d	255r	Gravity;4 mil" of earth diteh.	Previously supplied a placer mine. Pomer amers: U'Connell and drown, Decosa, Shedien, Potter, Miles, Colla. Previously supplemented 414/96-21FL
1. 4. T.	ober H. and E. Panir French Grook	French Grook	irrig. Stock.	For acres by flooding	\$21.	729 Ad.ud.	1,42 ofs Div.	bλv. 23	Prior 1955	Uravity; rock and rarth dam with 1.4 miles of earth ditch.	Former swamens: Brown, Jack Mason.
	oran es and salvean is solas	French Greek	Irrig. Stock. Mining	38 acres by flooding 16 head Placer	105	Adjud.	0.49 cfs	Div. 24	Prior 1955	oravity; concrete dam with U.6 mile of earth ditch.	rormer owners: O'Conneil and Brown, orsossa, Solas, Shedion, Potter, Miles, Colla,
	h.s.e z. and William M. Cory	Min za Creek	Irrig.	25 acres by flowing	24,5	Adjud.	0.45 cfs	Div. 36 ^d	Prior 1955	uravity; Farth and rock dam With U.4 mile of earth ditch	torner owners: Brown, M. b. Cory.
Utent 1)	Sunter A. De my.	Sest Mayer	Transfer	lvi acres ty flooding Not meas. Kiparian	Not mras.	Kiparian	1	1	Arout 1.409	Fravity; earth and Fravel dam with 0.7 mile of earth ditch.	
2 Mar. 18.	A. Profit Elements J. A. Frederic J. H. F. Severe directors directors	Scott diver	I response	396 actrs by floading	5,405	Ki parı an	1	1	1870	Gravity; short 30-inch pipe with 2.4 miles of earth ditch.	Arra irriyated includes 70 acres which were normally irrigated jointly with LIM/94-2551. Previously irrigated an additional 7 acres.
4.3/98-15.2	क्षान्यकृतमा इसत्तु । स	acott diver	Irrig.*	(*)	None	Miparian	;	t	Prior 1958	Gravity; timber headgate with 0.2 mile of earth ditch.	Previously irrigated 75 acres jointly with 41M/9M-25F1.
10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	Alare E. and Allian M. Cory Sobin N. and Erenor A. Mason M. aren	French Cruck	14 0 14 0 14 0 14 0 14 0 14 0 14 0 14 0	65 acres by flooding 70 head	1,967	Adjud.	2,42 afs	Div. D	PF10F 1955	Uravity; rath and rock dam with i.4 miles of earth ditch.	Amount diverted irrigated an additional lib acres jointly with tim//w-15G1.
(3hnet 12	Henry and May Aver	French Orsek	lrrig. Domesti	5 acres by flowing (a)	1.7	Adjud.	0.11 cfs	Div. 13	Prior 1890	revity; log dam 2 feet high 15 feet long with 0.1 mile of earth ditch.	Former samera: Jackson, Fosberg, Munson,
(Sheer 13)	(Sheet 13) Louther Lewis	Miners Creek	**************************************	74 acres by flooding	159n	Adjud.	L.22 cfs	Div. 33 ^d	Prior 1914	Grivity; rock and sund-bag dam 2 feet high, 20) fret long with 0.5 mile of earth ditch.	Former . wheres: Yanderpool and Lloyd,
			····								

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TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Water use in 1958		Apr	Apporent woter right	lub.	Indicated date of		
Location and Plate 2 sheet number	Diversion name and/or owner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Туре	Amount	Raferance	appro priation or first use	Description of diversion system	Remorks
				_	DWINNELL	L RESERVOIR	NOIR SUBUNIT	LINI			
2 3		White first 4 mounts of		(a) agrees by flooding	Not grass	Kibarlar	* 1	;	T	Gravity; 0.4 mile of earth	Former owners: Stone, Sullivan.
(Sheet 17)	Francia Joins	to Carrick Greek	Stark.	10 head			1		1890	ditch.	
1, 194-1587	Magneste P. Wills	Carrick Greek	F F F F F F F F F F F F F F F F F F F	M acres by flooding	393	Adjud.	1.10 cfs	Par. 278 ⁸	1853	uravity; marth and rock dam with U.2 milm of earth ditch.	Former exercist Jackson, Frank H. Mills, ideported water that amount may be diverted all or in part by this diversion or 4,24/54-15M1.
4.79/m-15ML (Sheet 1.2)	Maybelle B. Mils	Carrick Greek	Irrig. Stock.	37 acres by flooding SDD head	099	Ad_jud.	<u>a</u>	•	1453	Gravity; earth and rock dam	Pormer owners: Jackson, Frank H. Hills. For Water right details see 4.35/54-15F).
Sheet in	Sayteste S. Missa	Shasta diver	17 17 17 17 17 17 17 17 17 17 17 17 17 1	83 acres by Nuoding	127	Ad,'ud.	1.30 cfs ^h	Par. 285 ⁸	1,453	uravity; earth and rock dam with 0.0 mile of earth ditch.	Former owners: A. E. Rowe, Frank H. Mille. Subsequent owner: Mille Ranch Corp.
unt the off.	agnetie T. Mils	Hearth attended	Irrig. Stock.	%b acres by llooding SUO head	3,426	Ad,jud.	1.50 cfa	Par, 274 ^E	1953	Gravity; rarth and rock dam with 0.8 mile of earth ditch.	Former owner: frank H. Mills.
The Section	Mazkelie I. II.la	shasto diver	Irrig. Stock.	2% acres by flooding	2,381	Ad,lud.	1.45 cf8 0.25 cf9 3.50 cf8 0.25 cf9	Par. 2718 Par. 274 ^E	1465	Gravity; earth dam with i miles of earth ditch.	Former owners: McNahon, Frank H. Rills.
And the lates the second	Sayteler a. Mila	Shasta diver	Irrig.	M. arres by Hooding.	24,3	Adjuī.	7.60 cfs	nr. 270*	About 1853	anavity; earth and rock dam with 0.7 mile of earth ditch.	Former owner: Auna U. McMahon. Previously irrigated an additional 3 acres.
- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	Jamue, C. unckoun	Spring fribatary to Jamiek Greek	irric. Stock.	(*)	¢ 02	Ad. ud.	o.10 cfs	Page 180F	1877	Gravity; earth dam With).2 mile of earth ditch.	Former Samer: 5, Huekson. Amount diverted suppremented 4.25/56-24.1 (Weed Subunit)
o total	1. Uri. 6. 1 . UB	America Ceroli	Irra, st ck.	1) seres by flooding	blb	Adjud.	U.10 cfs	Par. 1798	1455	Jrav.ty; board dam with .4 mir of earth ditch.	kommer owner: o. M. Jickson.
20 - 20 - 24 - 25 - 25	* 5 · · ·	F. 12 F.	* * * * * * * * * * * * * * * * * * *	309 acres by Moxim.	8,810ª	Adjud.	**************************************	Pur. 234. ⁸⁵	1972	Gravity; concrete headiste 4 foot himb, 8 feet long bith 4: ni.es of warth ditch.	Pormer owners: A. J. Loude, Rose, John Loude, Loude, Loude a Byrchers. Portion of anount diverted supplemented L3N/5#-382 and L3N/5#-491 for uses reported thereunder. Reported vaterright amount may be diverted all or in part by this diversion or L3N/5#-382.
	: :	E.	e t _u et Es In Inc	A nerrea by flooding	1 5 5 1 0 5 5 1	Adjud.	<u>(a)</u>	(n)	1.493	Annyly, congrete headpate with P.4 mile of earth Anter.	Former owners: Coonrod, Nose, A. J. Loude, Loude Brothers. The indicated recalved supplemental supply from U.3X/5x+3K1. For water right details see U.3X/5x+3K1.

[•] Don stitutional information see Appendix D, "Detailed lengthions of Certain Surface Nater Diversions"

— Information not svaluable
For lattered footnoters, see Last page of table

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TABLE 5 (CONTINUED)

DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

D sersion				Water use in 1958		App	Apparent water right	right	Indicated date of		
Location and Plate 2 steef number	Oversion name and/ar asner	Saurce	Purpose	Extent and method of use	Amount diverted in acre-feet	Туре	Amount	Reference	appra- priation or first use	Description of diversion system	Remorks
		_		DWINNELL		RESERVOIR	SUBUNIT	SUBUNIT (Continued)			
- 1 A1 C A A A A A A A A A A A A A A A A	24 25 	87:00 A. 20		An acres by Douding	* 85. 5. 4. 1	संकृतिहास	1	!	1 97% 1	drivity; cinerite hearwise with also districts of energy	fortion of amount diverted supplemented with/SW-901 for use reported thereunder.
1 - 2 - 4 - 5 - 3 - 7	E	E 11 12 12 12 12 12 12 12 12 12 12 12 12	Trun.	os actes by flooding	n 755-1	Adjud.	5.70 of 8 0.50 cfs	Par. 305	1903	Para total to France, and the control of the contro	on Consequence Persons are the University of Consequence Persons and are the University of Consequence of Consequence Consequence of Consequence Conse
2 - 14410	7 42 7 5 7 5 9 6 1 7 1 1	5277 2 10 . 17	Irri.	2,072 acres by flooding	6,259	Adjud.	30.0 cfs	Par. 116	About	(**)	Common where we recover the confidence of the co
4 10 10-4 Charles 19	Mostar ta Maritan	ohastu Klyer	Irrir. Stock.	13% acres by flooding 300 head	700	Adjud. Approp.	1.2. R18 V	Far. 364 E	*16.7	Mmp; 25-nc : itor with a short 1.1 pc 1.1 c 1.5 miles of earth ditch.	Raydette . (A.)
(2004)	Setting D. Meisin	Shasta diver	Irrig.	(*)	None	Adjud.	1.10 cfsm 0.75 cfs	Par. 131"	5627	Jravity: 1. (miles of ear'r. ditch.	Purpor anners annes en esta en arus, orcunista Compagy, Annes osalvad en, err annes en error austy ners along at acres an Persola Sucinity.
10 mm 2 mm	E.lis . Louis	Little Skriny Greek	1. 1. 1. 1. 1.	213 acres by flooding.	* 056	Adjud.	1,15 cf.	Par. 237	1392	bravity: wood headpute with 2.3 male of earth datch.	Former owners: Simonds, A. J. Louie, Louie Prothers. Use indicated received supplemental supply from L3K/Sm-3L1 and L3K/Sm-3_l.
10 - 2 - 10 m	4	Creek	T E E	110 acres by flooding	277	Adjud.	8 J 3 G 5	**************************************	UÇ+ T	oravity; short .a= not pire to led mile of earth little.	homer owners: Janonia, w woule, Lour archives, would diverted irrocked il acres jointly with 434/54-93.
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	\$ CLUDO	ustine Sprine Greek	P.A. T. L.L.	(0)	*01,	Adjui.	¥gjony.	:4536.	1393	Scavity; concrete heafters with J.P mile of Marth witch.	norman worms dimends, w
727 - e ; . ; . ; . ; . ; . ; . ; . ; . ; . ;	14 or 15 or	Artical Creek	· Brus	75 acres by floodany	* 085	Adjud.	* o C - 1	Par. 338	1893	anauty; concrete headrate with to make of march ditch and concrete time.	Figure Competer the Dering, Louise Strukters, fronthusing introduced 8 houses, a count diverted institution of acres countly with ABS 54-1011, organization between the amount may be diverted all or in mertal by this diverted on ABS 44-1501.

[•] See rotarks
• For addraud information see Appendix D,
• Patalked Descriptions of Certain Surface
• Aster Perestons
• Information not ar liable
For lattered footnotes, see leat page of table

TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Water use in 1958		App	Apparent water right	right	Indicated date of		
Locotion ond Plate 2 sheet number	Diversion name and/or owner	Source	Purpose	Extent and method of use	Amount diverted in acre-feet	Туре	Amount	Reference	appro- priation ar first use	Description at diversion system	Remarks
				NIMO	DWINNELL RES	ERVOIR	SUBUNIT	RESERVOIR SUBUNIT (Continued)			
(8. 2 m/s) (8. 2 m/s)	Eilfa d nie	Little apring Greek	"A 	Multiple of the state of the	560*	. Lall	K.Jo eff	14 (A) 1 (A) 14	teat	oravity: 3.7 mile of 16-inth lips and 450 feet of 18-inch plue to 1.5 miles of earth diten.	Former owners: the bensis, Louise Brothers, Acoust therefore, Acoust thereto preside on additions in weres cointly with 430/94-941.
4,13,75W-15D1 (Sheet 9)	Prince Contra	Role-15-the	Irriv.	So acres by flooding	Not mees. Adjud.	Adjud.	(+)	(k	1.6.1	davity; O.d mile of earth ditch.	Por water right details are a 35/50-736.
4.58 CN-15111 (Sheer 1)	0. 12. M.	S. rine trifful dry to	Irriy.	167 arrest by flooding	Not mess.	A, 13 15-1514	2.6 ofte	A-pl. (8)9°	Prior	Gravity; 1.1 miles of earth	Arount altworted britinisms and additional 129 acres jointly with a 81/50-241.
(altern ()	Also the Associated and Associated Associate	ohanta kuvir	To the term	452 arees by flooding	But money. Adjust.		L. off cful.	- 14 P. 383	Ato-112 1370	aravity; concrite dom 2 feet high, 4 feet loop with 0,1 mile of pipeline and6 miles of earth ditch.	ormer centers: C. M. doed, H. P. Alehmod. E. D. Perdilliver.
(4. 3male)	As some as	אימי היזניי לי	_ FT-1.4°	the ones by the sting het mens, diluda	Not mean.	Aut, had.	. '5 cfa	.r. 32.	Ab 441 1470	Gravity; comprete dam of fret high, a fert long with i.6 miler if earth ditch.	comer community C, M. Bered, R. E. Bitcheson, E. D. Fernallikeer,
435/58+4381 (ahert 1)	Je Bra Te Later	Justa - Texturk any t Justa - Aver	Irrik. Stock.	478 ormer by Flooding Bothers (Appril on	* : : : : :		1	1	75.601 3.615	restly; /, miles of earth	there omines the order of the states of the distribution of the states of the states of the states of the states of the proportion are after a distribution to the proportion area area, and
or party)	Minnell Hearryolf Montaque sater Conservation Statelet	केमार्थात का शुरू	• • • • • • • • •	6 a a	8865*6	1,528 April 17.	74, 88) af	19 XXV af Appl. Cold.	9/6/1 L/6/1	(**)	(**)
. j	1	ohado quer	* 7 d d d d d d d d d d d d d d d d d d	a thillian the second of the		ivE Adjud.	n 55 cts 55 cts	1975 - 1976 1970 - 1976	alternation	ornerign or the retail flow a forth man both one moves	The second secon
A. 60. (1) 40. (1)	Maryline stad Trace ", Miller	E A S	Little.	A normal Late and the	=	A-1 - 1-2 - 5		Par. 72	AL SUL	And the second of the second o	on's r. Porton of anount diverted supplemented blacks 2001 for use reported thereunder.
Contract a	A Company of the Comp	Carry Carry Co.	* - T	173 acres by floodings '.vt	* · · · · · · · · · · · · · · · · · · ·	A4,14.1.	## 50 # 12 # 12 # 12			dream and the control of the control	applemental supply from hWSW-26AA.

[•] See recarks
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TABLE 5(Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

8	Diversion name			Woter use in 1958		o did e	Apparent water right	right	date of		
	- ac a c	Social	es o d y o	Extent and method of use	Amount diverted in acre-feet	Type	Amount	Reference	appro- priotion or first use	Description of diversion system	Remorks
		_		DWINNELL		ERVOIR S) TINDBUS	RESERVOIR SUBUNIT (Continued)			
		Administration of the	Irra . Stock.	125 acres ty sfrinkler	Mot meas.	Mî parlan	1	1	About.	resulty; its makes of earth datch to a small repulatory reservoir.	remer owners: Hart, Cash, Lema, Medeen. Uses indicated Enceived sur Lemansal surily from Labilael.Sal.
	11 (2007) 11 (2007)	Julia The ut Fy	inni.	(A)	iot meas.	't part an	1	ļ	Arout 1 %	Jrvvity; earth and mack dam with O.2 mile of earth disch.	rommer samers: Hart, Gash, Lema, Juniteh. Supplemented Lib/La-1531 for uses reported thereunder.
1377 × 127 × 137 ×	e est general sections	Strings (ributary to Ohasta diver	Stone.	45 acres by floodun. 60 head	166	Adjud.	(2)	(d)	18%	dravity; 1 male of earth ditch ando male of natural charnel to small regulatory reservoir.	Purmer owner: N. Cash. Uses indicated received supplemental sup; y from!/ww-28AL. Entitled to all water from the spring for court decision 165-66 dated October 22, 1:57.
Spring 19	**************************************	c trabatary	Irrig.	18 acres by flooding	Not meas.	dparian	ŀ	1	About 1940	Jravity; 1.2 mile of earth ditch.	rormer owners: Hart, Cash, Letta, Keuben.
Light Manufax Public	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	ogning tributary to Spring Greek	irriv. btuck.	(a)	23.	niparian	1	1	About 1860	bravity; i mile of earth ditch.	rurmer whers: Hart, we I. Lemon. Supplemented Lin/Lik-loki for usee reported thereunder.
(5) (2) (5) (5) (5) (6)	Dinity of the Connect	Creak	*	23% acrea by flooding and scrunkler 2 kv	1,635	Riparian	l	1	About 1858	Gravity: 0.3 mile of earth ditch and pipe.ine to the power jiant and 2.1 miles of natural channel and earth ditch to a regulatory reservoir.	Former owners: J. b. noher, Churchil. Company, Herd Ganch. Power plant Installed in 1930.
(0.38970)	se care starve 7. and starve 7. and Semmond	โท _ง ทนนาเทรา สารโหล อ่งอาเห	Irm 1 P.	eyy acres by flooding	76	Approp.	110 af	Appl.15087	1955	Gravity and storuge; 0.8 mile of earth ditch.	Portion of amount diverted eupplemented LLN/5x-20P1 for use reported thereunder.
2 - 12 17 17 17 17 17 17 17 17 17 17 17 17 17	First Parish Cales	Pinner D, and culom embubany to white .	Es Su Su Su	11d acres by flooding*	1,009	Appror.	lo af	Appl. 17639	1873	Pravity and storage, warth dam 10 feet high, 250 feet long with 1.5 miles of marth diter.	Former owners: Huesman, Edson and Foulke Company, Low towike, Father, Edwis, Westher, Edwis, Wester Geetwed supplemental supply from Luk/Sr-2011 and 2901. Area of use is in Grenada Subunit.
(Snivet 2)	Toni Mediado	ALIN IF FROM	Stock.	150 head	hot meas.	(q)	1	1	Atout 1930	Storage; small earth dam to enlarge a natural lake.	Former whers: rainchild, quadros, big Springs Irrivation District.
ارة المسال) (د المسال) (د المسال)	South Life Courtes 1, orbition 5 South 6, Trummond	Tributoury to White olouch	Irrag.	(2)	199	Approp.	4.8 d 5.4	Арри17639	1954	Jravity and storage; short natural channel	Amount diverted supplemented WA/S4-20Pl for use reported thereunder.

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• Por additional information see Appendix D,
• "Let libed Descriptions of Certain Surface
"laker Diversions"
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• Information not wallable
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Diversion				Water use in 1958		94			dote of		
Location and Plate 2 sheet number	Diversion nome and/or owner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Туре	Amount	Reference	oppro- priotion or first use	Description of diversion system	Remorks
					EAS	T FORK	EAST FORK SUBUNIT				
M D B & M											
4,78/64-8M1 (Sheet 17)	Rodney breng	fributary to Cabin Mend w Creek	in the state of th	(#)	Not meas.	(a)	1	!	9061	aravity; warth and rock dam	Amount diverted supplemented \$1N/7W-16H1 and \$1N/7W-16Fl.
(Sheet 17)	A. E. Richardson	East Fork Scott	Irrig.	A serve by flooding lb head	\$	Miparian	1	1	Alout	inavity; earth and rock dam with 0.4 mile of earth ditch.	Former owners Philo chillips.
4 % 78-711 (Sheet 17)	Charles L. Alch	East Fork Scott	Irran. Damestic Mock.	15 acres by flooding (a)	830	Kiparlan	;	1	1730	irwity; rath and rock dam with 0.2 mile of earth ditch.	
11 71-71.7 (Showt .7)	Laurence roune, in	PAST FOR SCOLL	Irrig.	42 acres by flooding 25 head	939	Kiparlan	1	1	Atomat 1874	Privity; Fravel and timber dam with 1.) mile of earth ditch.	Porner owners: bill Snyder, Anight.
(Sheet 1)	Charies L. Alch	hanvaroo Creek	Irrip. Stock.	95 Heres by Flooding LX) head	T72	Alparian	1	!	Prior 1920	wrivity; waith and rock dam with 4.1 miles of earth ditch.	Former owners: Dave No.ers, Johansen wons, Serets, Ana,th. C. W. Peterson. Previously irrigated an additional 11 acres.
" W. W-13A1 (Sheet .")	Wheat Keupou	dock fence Creek	* * * * * * * * * * * * * * * * * * *	(0)	Not meas.	(a)	1	-	About 1706	bravity; earth and rock dama if feet high, 30 feet long.	Amount diverted supplemented 41N/7%-29H1 and 41N/7%-21PL.
. 18/7M-lual (Sheet .7)	Cirl McConnell	kungaroo Lake	# 50 - 21 - 52 - 54 - 54 - 54	(a)	Not meas.	(a)	1	1	Prior	Gravity; warth and rock dam	Former owners: K. C. Crawford, Jim Parker, Farker Company, Anoop, Drucker, Amount atterned Supplemented LIM/M-22d, 411//M-3JAL, 415/7M-3OML, and JIM/PM-50AL,
40N 74-18C1 (Sheet .7)	Mrs. N. S. Harin	East Form Scott	Irrig.*	(*)	None	(e)	1	1	Prior 1758	Favity; earth and low dum with 1.6 mile of earth ditch.	Previously irrigated 11 acres.
4 15 TW- BE. (Shoot -7)	Laurence Prank, in	. Enst Fork Scott	Irrie. Stock.	12 acres by flooding	617	iti parı an	2 2	!	1942	oravity; pravel dam ? fret high ,) feet long with 0.2 mile of earth ditch.	
(Sheet)	Laurence Francia	Jroune Creek	Irrig.	14 acres by flooding	473	Approp,		1	About 1900	uravity; gravel dom 3 fret high, 30 fret long with 1.9 miles of earth ditch and natural channel.	Former -wmer8: Snyder, Zauchn, Mitherok. Knight.
4.13 40-24. (Street 15)	Merva . Hayden	Mayes Villey Greek	Irrig.	*	None	Ki parian	;	!	1870	Jravity; earth and timber dam	Figure owner: Franklin N. Hayden. Previously irrigated 12 acres.
4.18, 4W-282 (Sheet 16)	Terva to hypen	A year Transporter	Irrig.	(*)	None	Kîparian	:	ļ	Prior	uravity; earth and timber dam with a short earth ditch.	from where from in By Bayles.
(Sheet 20)	Berya L. dayton	Myres Valley Chreek	Irrig.	28 acres by flooding 75 head	180	dparian	î	1	Prior 1875	Gravity; earth and reak dum with 1.7 miles of earth ditch.	h reser uwnerat John Willis, Corman, Jasuway, Masterson,
4 N/FW-13L1 (Sheet '0)	Beather Amen		ITTAK.	/ serves by flooding 100 head	505	Approp.	1,25 cfs	Appl. 1492°	Prior 1920	varavity; rock dam with 1.5 miles of earth ditch.	Popular center; Masterson.

[•] See remarks

• Por additional information see Appendix D,

"Detailed Descriptions of Cert in Surf ce
and the remains."

Information not available

• Por lettered frotnotes, see last page of table

TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

				Water use in 1958		ž		1.5	dote of		
LOCOTION ORG Digte 2 Shee" number	C version nome ond/or one/or	Source	Purpase	Extent and method of use	Amount diverted in ocre-feet	Туре	Amount	Reference	oppro- priation or first use	Description of diversion system	Remorks
			_								
					EAST FOR	K SUBU	FORK SUBUNIT (Continued)	(pani			
		1 5	Irrig.	(%)	- J. (3	יובואנאי	1	1	1011,1	יהיו ליאות בות ביירלו אות בותליה!	Vicinity of the State of the Parish of the Vicinity
**									1900	with 0, smile of earth ditch.	irrigated 20 acres.
	791.50 mm		Irrig.*	(3)	Subs	Mit part and	†	•	1958	inavity; earth dam with mile of earth ditch.	Privational infligation of define.
7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	4 0 14 14 14 14 14 14 14 14 14 14 14 14 14	4	other.	7 acres by Classing 191 head	14	de parti an	1	1	1350	mavily; mark dan with makes of earth ditch.	number Januars is a Latena, mostop, considera- Jennoy, olkostuma, iliyates prichero, si II. iliydes.
	e de la companya de l	Market Commence	No.	· ·	***	เป็นการสภ	1	}	1870	pravity; marth is with a short marth milet.	Final April Amount diverted supple enter April 9401 / 9400 Amount diverted supple entered April 9400 Amount April 9400 Amount Amount diverse and April 9400 Amount Amount diverse Amount d
-	To professional and	Light Lords	• - - - - - -	h acres by f. strot	041	Spartan.	1	1	Prior 1870	wavit,; rarth das with a smort earth ditch,	timer namers: Taylor, Marhette, ochrana.
		Actual Conference	i de la companya de l	A series of the same	2. 3.	Alparian	ı	1	7710F	ordwitty; earth dim with oil mile of earth ditch.	Former appersional contents, sometimes, area improved received suppresential supply from a Ny Westly and acid()/PM-3551.
*	and the state of	Horay Gorak		% acres by flooding	9 7 − −	Mipartan	† 1	1	1870	aravity; earth dun with O mile of earth ditch.	Former perers: Taylor, Muchette, Schrous, Ares immysted received supplemental supply from 4.00/-m-355s.
	£	TOVID	Irrie.	st arres by Flooding 7s head	1,497	uristin	1	ŧ	1270	Pavity; Parth and Fock data with 0.4 mile of earth ditch.	foffer material Jasterbon.
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	one Sale Greek	Irra. Domantic	7 acres ty Clooding (a) x7 meat	634	dipertan	1	1	Prior	unavity; lor and mock dum with	toprogramment lasterna.
	:	Market Chief	1. -4 la -4	(*)	130	(q)	}	1	irior 1870	ireatty; earth and rock dum with as mile of earth ditch to Taylor Gree and 1.5 miles of medical memority of relieves of point.	Pormar Frantisa: Taylor, Harbette, Schraum, Amount (19verted superemented 4 H/84-42L2 and 40H/84-42P1,
$\frac{2}{3} \leq 1 + \frac{1}{3} \leq $	e de la companya de l	A TO THE OF THE	ITTI	(+)	Not meas.	(e)	1	1	16141	Jr.v.t.; rurth dam with a short Parth ditch.	Wasunt diverted aupplemented with Terlinie.
Jane 111)		Greek	: .	jarpoorj ča bulov 99	Not meds.	(9)	:	†	Prior 1958	aravity; earth and rock dam	Are intributed received supplemental supply from with // $n_{\rm e}$ iff.
- b	:	Manager Comments	FF 21.	hackely flexing	N.t. mr.is.	(a)	1	!	Prior 1958	eravity; earth and gravel dum with 4.7 mile of earth ditth.	
Specification of	part gill 1	Problem of the English	in the second se	la deres by flooding	108	dipurian	}	;	About 1945	Fav.ty; runth and mock dum with 'w' mile of surth differ.	Former where Olibbons.

				Woter use in 1958		Αρρκ	Apporent woter right	right	indicoted dote of		
Location and Plats 2 shast number	Diversion nome ond/or owner	Source	Purpose	Extent and method of use	Amount diverted in ocre-fest	Type	Amaunt	Reference	oppro- priotion or first use	Description of diversion system	Remorks
				- E	EAST FORK SUBUNIT (Continued)	SUBUNIT	Continue	{ pe			
NDBAN											
(3hret 15E1	Marie y specifical	Houst in Creek	Irrat.	9 serve by flooding	ર	dipartan	1	†	Menut.	envily; curth and graw'l dom- with the mile of earth diffe.	TOTAL STATE OF THE
41N/74-15E1 (Sheet 14)	Blaz, Karpon	Sect Fork Scott	Irriv. Stock.	131 acres by floading	* O	dipartie.	ŧ	!	48.40 1.890	opivits; marth and low dam with G. Lailes of earth ditch.	Purmer wher: attended Portion of anount diverted irripated 3d acres jointly with LIN/74-10-Pl.
4,1N/7W-15HI (Shret 14,)	1,5 × 1,0 ×	Time act lead.	See Seed	1) acres by Proding	33	14.2 prad 2.121	1	1	<u> </u>	stants; earth dorwith a short stant of rank of rearth diter.	The indicated restriction of the sail
(Short in)	1	Eist F F octt	*51441	17 whos by thesting	Not us ere.	(1)	!	1	Pror	entyly, earth dam 3 feet high, 170 feet long with as 8 miles of earth disch.	
(Shreet or	Constant Constant	Evet rop in th	Irru.	b, teres by floating	*03	1624 - 172 - 1872	;	†	Akout Bank	arath; earbh and chave; dan 3 feet hi/b, is) feet lon with 'sy mile if earbh ditch.	Indicated to the control of its formal of anount diversed infigured an additional 38 acres jointly with LIN/74-15F1.
(3hout 14)	Car Become at	Headlaw Acteh		72 acres by floating	Not as	3		;	1710F 1758	arantył earth daw with 200 iest of earth diben.	
(Short 4)	C. r. T. conne.1	Mendow Autch	- LL LL L	at acres by flooding	Mort meres.	(p)	1	:	1758	Gravity, earth dam Withl	Use indicated more two transportants amply from all //W-1/421.
4. N. 784.1.49	our, McConnut	incolour wileh	Irrig.	(a)	Not meas.	(F)	;	9 9	17100	orsvity; earth dum with a short earth ditch.	Amount there's supplemented to Ne. for use reported thereunder.
(Sheet 14.)	Carri Reconnett	East run Scott	Trans.	308 weres by flooding	Not meas.	3	da de la companya de	i i	Prior 1958	weavity; earth and Trave, dam with 2.5 miles of earth ditch.	
(Shert 14.)	T = 0.2812 - 1	Loss Crank	IPPLV.	Antenta by consult	Not meds.	3	;	1	Prior 1,448	ar with; earth and rive, ins 12 Feet hims, 300 feet lon.	Approximated processors applicant is supply for the total and
(atmet 14)	though factors	SAISE FORK OFIET	irrie.	3 1	a 🖯	เนรุงเกางเก	1	1	156	senvity; caeth dan with a short caeth ditch.	was with law ribed is appremented with free, PH.
(cheek)	S. Marine	. Cr. ck	**************************************	s acres by Tooding	Not meas.	(F)	1	!	1,1701	anavity; not can be fert a hy at feet consecting to the consections of	aughty texture 74 to the ski
(Other C. 14)	the times offers	Markey Carlott	Irrig. St. ck.	20 acres by flooding	חו	Apprent.	:	1	Ak -11.5 1-70.6	anavity, earth and more lab with fraith distan.	Freetyndsupplements, solf from received supplements, solf from a NA-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-A-
(Short is)	- - - - -		111111111111111111111111111111111111111	and acres by finading	For meas.	3	1	1	1758	Jravity; Marth and Travil dom With "Thilthed worth ditch.	and a first of of protators out, that a supply first a factor and to

[•] See remarks
• For additional information are appendix D,
• For additional information of Certain Surface
• Maker Diversions*
• Information not available
• For lattered forbrothes, see last rape of table

DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT TABLE 5 (Continued)

				Wofer use in 1958		Appı	Apparent water right	right	indicated date of		
ocation ond Plate 2 enest number	Diversion nome and/ar awner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Type	Amount	Reference	oppra- priotion or first use	Description of diversion system	Remorks
				- 3	I EAST FORK		I I SUBUNIT (Continued)	ed)			
3 5 64 57						_					
.Sheet 14.	Jar. M.Connell	Eart Fork Scott	lrmr.	h acres by Nooding	Not meas.	(9)	1	;	Prior 1998	iravity; earth and pravel dam	Area intrigeted received supplemental supply from LUA/7%-luA.
JN/894-2301 Ree lu	Tudley - Parker Janeh	Moyes Valley Sreek	I red R.	l acres by flooding 2	Not meas.	uparau	1	:	About 1930	revity; earth dam with U.u. mile of earth ditth.	rommer owners: Patt crothers.
57-27 conservation	Pidley - Parkir Hanch	Toyns salley Ireex	Stock.	luh acres by flooding 1	Not meas.	dpartan	;	;	1900	rewrity; earth dam with U.7 mile of earth ditth.	sormer cwhers; ritt brothers
L11/3n-2-Al (Sheet 14	larl McCommell	Meadow Gulch	ingl.	17 acres by flooding 1	Not meas.	(q)	1	ł	Prior 1913	Gravity; earth lam with U.2 mile of earth ditch.	
Sheet lu	Lulley - ranker anch	Noyes falley In ok	IHJ.	29 acres by flooding 1	Not meas.	Roparian	;	1	About 1870	Gravity; earth dam with U.7 mile of earth ditch.	rormer owners: ritt prothers
(Stat la	Serva M. Hayden	Yoyes Valley Greek	Irrig.* Jisch.	8 acres by floodings	130	Riparian	;	;	Prior 1870	Oravity; earth and timber dam with U.3 mile of earth ditth	Former owner: Franklin n. Hayden. Area irrigated previously received supplemental supply from Los/Fam-252.
11N/6-3421 (Sheet 11,)	Rerva P. Rayden	Soyes Valley Greek	Irrig.*	(0)	None	Hiparian	1	1	Prior 1870	Gravity; earth and timber dam	Former owner: Franklin H. nayden. Freviously irrigated 6 acres.
(Sheet lu)	Jarl McConnell	East Fr#k Scott dver	· drait.	59 acres by flooding? Not meas.		niparıan	1	1	Prior 1958	iravity; grav. I dam with 0.7 mile of earth ditch.	Area irrigated received supplemental supply from 40%/7~-1LAi.
Listing State	Clyde E. S. A. es	Enut rook Scott Kiver	Irrag. Jonestia Stock.	31 acres by flooding (a.	725	hiparian	1	1	About 1885	Jravity; earth and gravel dam 2 feet high, 100 feet long with 1.0 mile of earth ditth.	corner owners; .weet, remett.
13/8%-3frl (Smeet 12.)	lyde : - wler	Bast Pork Scrit	Irran.	21 acres ty Clooding	371	Riparian	ĝ ę	1	Pr. or 1900	Jravity; earth and Fravel dam with U mile of earth little	Former .whers: Jaket, Branett.
					EDDY		CREEK SUBUNIT				
L1%/5#-21F1 Cheet 15	DALFRE armon:	Sprint trabutary	-	acres by !looding	250	dpanum	ł	1	Prior 1916	aranty; earth dam with b.c. mile of earth diffe.	romo m ownimis 3. Jamney. ov - Hannond
ully articles	"Marks" : armorpio	shasta cropp	· (0.4)	Author 13 Dordan	574.	, diguit.	1 4 00 eff. 11	- L	28 AS	aravity; carin and rock dum 1. Seet have, C. Seet don 471 to 3 mile of carin differ	FORMER SHIPSE Davidon we see Docadne regison of arcine daving in this after an additional of defect I after with side of the arcine and additional and additional and additional and additional and additional and additional additiona

[•] See remarks.
• Por additional information see Appendix Details descriptions of Certain Surface wister Diversions.
• Information not available.
For lettered footnotes, see last page of table.

TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Woter use in 1958		Apı	Apporent water right	right	indicated date at		
ond ond Plote 2 sheet number	Diversion name and/or owner	Source	Purpase	Extent and method of use	Amount diverted in ocre-feet	Type	Amount	Raferance	oppro- priotion ar first use	Description of diversion system	Remarks
					DOY CREE	K Subus	FDDY CREEK SUBUNIT (Continued)	(pen			
3. 2. 1. 2.							}	-			
128/ W-27812 Antert 1:	[Might,* liammond	obalita daver	I The second	(*)	kone	And Jud.	0.30 efb, P	Par. 23"	1501	Gravity; earth and rock dam lin feet high, 6 feet long with li? miles of earth ditten.	Former uvmers: J. Burney, C. S. Hawmond. Previously irrivated 35 acres jointly with LIM/Se-3LLI.
(Sheet 1:)	Stuart Harmond	Tribitary to Shasta Edver		5 acres by flooding-	170#	Riparian	1	;	7637	Spavity; earth dam 2 feet hage of feet lung with 0.4 mile of earth ditch.	Former owners J. Durney, C. J. Hammond. Anount diverted received supplemental supply from diM/5+338, -3382, and -3301.
335/4-3381 cubert 15.	Stuart larmon:	Tracta Hiver	Irran. Shock.	(*) 250 head	1,1354	Adjud.	1.31 cfs ^D Par. 21 ^R	Par. 21E	1890	ravity; earth dam 2 feet hkky, 6 feet long with 0.2 mile of carth dittor.	Former owneres J. Durney, C. S. hammond. Amount diverted supplemented LLM/5m-29hl for use reported thereafty
.IN/5W-3382 (Sheet 15:	Teo in	Thesia Liver		(*)	¥151	Adjud.	L. bl. cf.sh	Par. 22*	1886	Jravity; earth dam 2 feet hagh, c feet long with 0.1 mile of earth ditch.	πεπατκε for μλι/>ν−3381 apμly.
.21/58=3351 .Shert 1.	Stand comments	Spring this sary to Shasta Biver	LPTAF.	÷ -	3604	Riparian	;	:	refor	Sravity; U.2 mile of earth. litch.	icemarks for μλι/5π=336l apply.
ur./ba=Bille (amport) (ampir 15)	North Fem Ditch Wight and Stunf Hammond	North Fork Jacramento Haver	*. T.	471 acres by flooding	1,572	• фолфф	15.v efts	Appl.11281C	191,9	pravity; concrete dam 1 foot high, 12 feet long with 7.7 miles of earth ditch.	roint of entry into Shastamport sydrographs ont, Area irrigated includes \$5 acres normally irrigated jointly with liv/54-2PML.
					ш —	ETNA SUBUNIT	SUNIT				
111.79mm/31	Mry Crima	btha Officer	Sunte.	Sec. connocttons	Not meas.	(a)	1	1	1958 1958	Gravity; rock and steel dam with 2.0 miles of 18-inch (4)0.	builtee community of atna-
1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1	olety ayden Film eletine	Alternation	·		Kone	Ріратал	1	:	Prior	Fig. 5 rock and Parth dam Fit a short lother pipe.	Former June194 Sam Lutrull, Frun Vonner in 1956, in 1956, ince i acree normally served by this diversion were irrivated by W21/9m=Lnd and W21/9m=V3.
	:		* X 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	a pood by all multage	u*c***	п реграп	1	1	La constant of the constant of	ravity; roch and marte in with lande ; earte date .	seconditated mocetved supplemental supply from 224/9=544. Thactie of area arthylated art normally brighted by well/yardita.

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 "featied teachplace of Verfair, unface water fiversome".
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TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Water use in 1958		App	Apparent water right	night	Indicated date of		
Location and Plate 2 sheet number	Overs on nome and/or owner	Source	Purpose	Extent and method of use	Amount diverted in done-feet	Туре	Amount	Reference	appra- priotion or first use	Description of diversion system	Remorks
					ETNA S	SUBUNIT	ETNA SUBUNIT (Continued)	=			
		aktiopsett, immer	Innair. Stroke	ts aspes by flocomp	e	Agrana and	!	1	02e7	or veloy; foust dect feet hich so feet congrette 4.1 miles of earth oiltete.	Firmur Carrett a citte alluch, Stiff alle in the vicisity in the vicisity in the carretter of period of strong in the carrette of the carrette
2 -		r. S	i d Se Se	(<)	wh**	* :- : : : : : : : : : : : : : : : : : :	1	1	1870	maviby; rock dam fert high, 30 feet ling W.th i. maile ? eurth ditch.	Fire or same as source assets of if assets and suppresented all some seemed all some as reported thereunder.
		form of comes	25 ch.	125 acres by flooding at head	n 1,27	•dog like	į	1	1472	arayiy; Poch Bun - Doet nish, Is feet long with smile of Porth ditth.	rammer .amers: ปavidson, John ปังสถากร.
		a transis is contracting to	See See	1,00, wher by	Not mak.	• frage follow	t	!	197.8	rewity: Fock and timber dam with 2.4 mile of lu-inch pipe.	rommer owner: Newton, revisously urrivated an additional 43 acres.
٠٠٠٠٠ ، ١٠٠٠		Arred to save.	1877 1870 1870 1870	Mily agres of Liberding.	5	djarian.	ŧ	3 (1900	with Lingles of eath ditta	For or owners: Any Eates, Calvin dail, ony ollor. Portion of amount livered supplemented L2:/>-Lal for use reported thereunder.
3 .	€	Service Creek	· 47.2.27	(*)	4 ~i	apertren	1	1	70102	Smovity; carth dam of test high, or feat, ong with cert mile of carth ditch.	Amount diverted surplemented $445/9\mu e^{-1}742$ for use reported thereunder.
		Offisher of the		457 acres by flooding* wit mrus.		Apj rok•	I	1	C(A)]	January conducts dam ² 5 freet 12 m, 24 freet 100 match 75 freet of 15 - 2.05 as and 155 main of country datch.	former whers: «tison, blone, Compaell, Johnson. Use indicated received supplementary supply from [23/54-17M1. Same dam also serves [23/54-17M2.
		· china a chin		Property from	e .	ur tar Ity	ŗ	1	6	Andright comments ham? Sient Billy, outliest committeed mile interfacions.	Processing affiliates an additional 38 acres, received supplemental supply from 424/94-1681. Same dan also serves 428/94-1781.
		in the second	E.	to the order of th	411111111111111111111111111111111111111	· My the	1	;	LC13;	midily comments on trader con with a major of whench if a	renew emers: allean, dinney, complet), cline. M. Portion of amount diverted supplemented LDA/y=17Hl for use reported thereunder.
				and the factor of the factor o	c	£	÷		4014	entyty, on mote and timber to see the second of seeth distributions and a small meets don't reserve.	Sign mission 1. Greek, John
4	. B	And the state of t		1, 1919-19 Lovella (1)	- - -	(F.)		!	30°4.	envising control to the control has been described by the control of the control	Porror Wiens: h.lis with, pennett Contady.

[•] Sue recarks
• For additional information see Appendix D,
• For additional theoritations of Certain Surface
alater Diversional
• Information not available
For bettered footnotes, see last page of table

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Diversion				Water use in 1958		Δροι	Apparent water right	right	Indicated		
iocation and Plate 2 sheet number	Divaraion noma ond/or owner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Туре	Amount	Reference	appra- priation ar first use	Description of diversion system	Remorks
							_				
X 2 8 G X					ETNA	SUBUNIT	ETNA SUBUNIT (Continued)	î			
12N/94-22R1 (Sheet 10)	Wagner Brothers	Fina Creek	Imik.	79 servs by flooding*	701 ° n	701 " Hiparian	1	;	Prior 1900	Gravity; earth and rock dam	Former owner: Norgan, Use indicated supplemented by 42%/94-32kd.
42%/94-2611 (Theet 10)	F. Douglan Horn	Sott Biver	Irrin. Stock.	6 acres by sprinklore	-2	Riparian	;	1	Prior 1930	Pump; 40-hp ateam engine with a short 4-inch pipe.	Former owneres Hughus, kller, Haird. Previously irrigated an additional 13 acres.
124/94-27F1 (Sheet 10)	F. Louglas Horn	Etha Crwok	Irrik.*	(#)	None	Approp.	1	1	About 1680	Jravity; rock and gravel dam with 0.3 mile of earth ditch.	Former curerus Hugher, Eller, daird. Previously firlgated 272 acres jointly with L28/94-2781.
128/9%-2781 (Sheet 10)	F. Louglas Horn	Fina Greek	Irrig. Domestic Stock.	272 acres by floodings (a)	50	Approp.	ŀ	:	About 1880	Gravity; gravel dam with 1.0 mile of earth ditch.	Former owners: Huches, Eller, Baird. Area is normally irrigated jointly with h2M/94-27Fl.
123/94-2861 (Sheet 10)	Carl Hammond	Johnson Treek	Irrig.•	•		Riparian	;	;	Prior 1912	Pravity; earth and timber dam 3 feet hiph, 10 feet long with short earth ditch.	Former owner: Matt Smith, Freviously irrigated 18 acres.
12H/94-2θJ1 (Sheet 10)	Magner Brothers	Etna Creek	lrrig. Stock.	6) acres by floodings 50 head	919 ^h	Ripurlan	1	1	Prior 1900	Gravity; earth and rock dam with 1.6 miles of earth ditch.	Former camer: Hushes, Previously irrigated an additional 64 acres.
12N/94-2841 (Sheet 10)	W. J. Halliday	Etha Creek	lerip.	197 acres by flooding.	6,16 "p.n.	Approp.	1	:	Prior 1911	Gravity; rock dam with 1.44 milen of earth ditch.	Former owner: Feldy. Use indicated received supplemental supply from LIN/W-ZNN (Callahan Subunit). Previously irrigated an additional 272 acres.
12N/94-2901 (Theat 10)	Carl Hammond	Johnnon Creek	Irrif. Domestic Stock.	23s acres by flooding and sprinkler* (a)	607 ⁿ	Riportan	1	;	Prior 1912	Gravity; warth and rock dam 2 feet high, 12 feet long with 1.0 mile of earth ditch and 3,300 feet of 12-inch and deineh pipe.	Former owner: Matt Smith, Use indicated received supplemental aupply from L2N/Se-C9H1.
12N/94-2912 (Shert 10)	J. P. McNames	Johnson Creek	Irrig. Stock.	122 acres by flooding 50 head	83"	Riparian	;	1	Prior 1900	Gravity; earth and timber dam with 0.1 mile of earth ditch and 0.3 mile of 8-inch pipe.	Former owners John Valin, Stunley, Campbell.
(Sheet 10,	Jarl Hamend	Johnson Creek	Irribe.	(*)	Not mens? Riparian	Hiparim	;	!	Prior 1912	.ravity; earth and rock dam	Former expert Natt arith. Amount diverted supplemented L2h/ym=2hul for use reported thereunder.
128/94-3281 (Sheet 10	Etta Mili Eitch Wagner Brothers	Etta Creek	Irrir. Stock.	777 acres by floodings 350 head	2,991**	Ripartan	1	!	Prior 1860	irwitty, rock and earth dam 2 feet high, 25 feet long with 4.7 miles of earth ditch.	Former experts Morgan, Previously trivialed an additional Jacres Forton of amount sixeried supplemented LNA/94-2241 for use reported thereunder.
12N/W-3351 (Shert 10)	Katneth Jepow	Ata Creek	Irrig. Stock.	23 acres by Clooding NO head	211t	(9)	1	1	About 1882	iravity; carth and rock dum 1.5 feet high, 10 feet long with 0.4 mile of earth ditch.	Former cumers: Hyde, A. A. Eller.

[•] See remarks.
• For additional information see Appendix D Publish Exerciptions of Cortain Surface Maker Diversions.
-- Information not available.
For lettered footnotes, see last page of Table.

TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

C15.0.				Water use in 1958		Appe	Apparent water right	right	Indicated date of		
Sudf 7 and Digfs 2 sheet number	0:version name ond/or owner	Socra	و و و ه	Extent and method of use	Amount diverted in acre-feet	Type	Amaunt	Reference	appra- priation ar first use	Description of diversion system	Remorks
3					ETNA	SUBUNIT	I T T T T T T T T T T T T T T T T T T T	(p			
200 m-110	. F. Javads E	ridder Grees Slough Brrigs	Irrig.	(3) deres by sprinkler Not meas. Approp.	hot meas.		2. cfs A	Appl.16536	1955	Pump; Mo-hp motor with a short 8-inch pipe.	
See: 7)	lenserate.	Mader Speak	1,772,7	309 acres by flooding 3	Not meas. Riparian	Ruparian	:	;	About 1852)ravity; 0.4 mile of earth ditch.	Former owners: #illiam and Thomas Thendenning, J. A. Slendenning.
	The state of the state of	fidter Jreck	irris.	26' acres by flooding 15' head	1,06n	Riparian	-	;	Prior 1921	Gravity; earth and rock dam 2 feet high, 20 feet long with 0.8 mile of earth ditch.	
12, me 12)	.tanlev 🐪 - faden	Yaado dappe.	Irdy.	224 acres by flooding*	507.	Approp.	1	ı	Frior 1900	ravity, earth and rock dam with 3.0 miles of earth ditch.	Former owners: Levis, Finvall, Area irrigated is Located in Lober Scott, "alley Subunit, Portion of amount diverted supplemented 131/5-17:1 [Lover Scott 'alley Subunit) for use reported thereunder.
12 - 40m 322	Thomas : Huddle -ay Taylor	frings tributary	irright * In	acres by flooding	None	Ripartan	;	ŀ	1900	Jravity; timber dam with U mile of earth ditch.	rormer owners: 2d walke, John Valin.
2347 - 441 Speet !	John . Jenner	ra" mrsch Greek Slough	Irrip.	242 acres by flooding.	210	Riparian	:	1	1942	Pump; gasoline engine with O.L mile of earth ditch.	
33 '95-34-2 Sheet 11	John T. Jemmer	hatterson Lreek Nowth	Irrit.	li2 acres by flooding 100 head	Not meas. Adpartan	Adpart an	1	;	1920	Pravity, concrete dam feet high, 12 feet long with O.3 mile of earth ditch.	
13/120mm-1981 (annet 7	arser titon Thomas : Todding	*1dder Greek	Irri: Power Stock.	1,075 acres by floodinge 2. rw Ljo head	3,406°	(9)	ı	1	1898	, rewity; earth and rock dam with θ , 0 miles of earth ditch.	Former owners: Central Pacific Tables Allee, Charles Takes Librages, Freedously Irrivated an additional 11 acres.
. 15/ 10m Will (Sheet 7)		Coring theoutamy to Kidden Greek	iriy.	? acres by flording	978	Approp.	I 05	Vol. 2. pg. 168	Tract	ravity; earth dam with 1.5 miles of earth ditch and pipe flume.	Former owners: 0, williams, 0, C, wors, and Antone De Mello, 5d and Newt Hayer, warren 5, Smith.
u3:/10x-36:11 (Sheet 7)	State and Alachir (adder Greek State and State	Gldder Creek		floods.	7,155 ⁿ	App rop.			1872	make of earth ditch to 1.1 miles of earth ditch to 1.1 miles of natural channel and 7.5 miles of earth ditch.	Former owners: wirthin and Fletcher. Previously irrigated an additional 32 acres.
					GRAS	GRASS LAKE	SUBUNIT				
				- \$	No diversi	ons locate	(No diversions located in this subunit)	subunit)			

^{• &}quot;See remarks.
• Por additional information see Appendix D
"Patalisd beach prions of Germain Surface
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For lattered footnotes, see last page of table.

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Oiversion				Water use in 1958		App	Apparent water right	right	Indicated dote of		
location ond Plate 2 sheet number	Diversion name and/or owner	Source	Purpose	Extent and method of use	Amount diverted in acrs-feet	Type	Amount	Reference	appro- priation or first use	Oescription of diversion system	Remorks
7 6 7 7					GRE	GRENADA SUBUNIT	JBUNIT				
421/54-283 (Sheet II)	Edson L. Coulke	Kiernan Slough	Irrig. Stock.	109 acres by flooding	230*	Riparian	1	1	1958	Gravity; earth dam 6 feet high, 20 feet long with 0.5 mile of earth ditch.	Previously irrigated an additional is acres. Area irrigated received supplemental supply from LIM/5+-971 (Weed Submit). Amount diverted irrigated an additional a carea jointly with LEM/6+-2P2.
123/64-2P2 (Sheet 11)	Edson L. Foulke	Kternan Slough	Irrig. Stock.	20 acres by flooding* 30 head	719*	Adjud.	0.60 cfs	0.60 cfs ^h Par. 121 ^F	1856	Oravity; earth dam 5 feet high, 15 feet long with 1.0 mile of earth ditch.	Former owner: Edson and Foulke Company. Amount divorted irrigated an additional 6 acres jointly with 42N/64-2P1.
12N/64-3H1 (Sheet 11)	Edson L. Foulke	Willow Creek	Irrit.	698 acres by flooding.	1,310	Adjud.	(\$	(**)	About 1854	Gravity; 0.7 mile of earth ditch.	Former owner: Edson and Foulke Company. Area irrigated received supplemental supply from LiN/54-9Pl. (Weed Subunit).
U2N/64-3R1 (Sheet 11)	Fred Carpenter	Willow Greek	I TT.	38 acres by sprinkler	90	Hipari an	1	1	Prior 1958	Pump; electric motor with a short pipeline.	
124/6W-9Pl (Shert 11:	Dan Shelley	Willow Creek	Treis.	16 acres by flooding	Not meas.	Adjud.	0.10 cfsh	Par. 307 ⁶	1490	Gravity; 200 feet of earth ditch,	Former owners: L. wortman, Nelson M. Chisholm.
LZN/6W-9Q1 (Theat 11)	Dan Shelley	Willow Creek	Irne.	213 acres by flooding.	808	Adjud.	0.25 cfs ^h Par. Lil ^g	Par. 418	0681	Gravity; rock and gravel dam with O.L mile of earth ditch.	Former owner: helson Chisholm, Amount diverted printed an adultional lill acres jointly with LEN/CH-19Al (Willow Greek Subunit).
12N/t 4- /Rl (Sheet 11)	Dan Thelley	Willow Greek	Irrig.	u^ acres by flooding	07	Riparian	ŀ	ŀ	1860	Gravity; nock and pravel dam with 0.2 mile of earth ditch.	Former owners Eary Finnerty.
[24/64-101] (Shret 11)	rdson-Youlke Yreka Ditch Co.	Willow Creek	Irdz.	(**)	Not meas.	Adjud.	(**)	*	1909	Gravity; carth dam 6 feet high, 15 feet long with webb lateral.?*	(**)
SN/6W=10L1 Sneet 1	Slen G. Maxwell	Willow Creek	Irrig.	8 acres by flooding	99	Kiparian	:	1	Prior 1958	Gravity; 0.1 mile of earth ditch.	
42%/6=1661 (Rest 11)	Dan Shelley	#1110w Creek	Irrig.	29 acres by flooding.	120#	Hiparian	1	ŀ	1875	Gravity; 0.3 mile of earth ditch.	Former owner: Netson Chishola, Amount diverted irrigated an additional 98 acres jointly with L2N/6=1941 (Alllow Greek Submitt).
427/(==16c] (Sheet 11)	Howard Dangon	#11low Greek	I rrik.*	*	None	Adjud.	2.40 cfe	Par. 158 ⁶	Prior 1880	Gravity; rock dam 3 feet high, 15 fert long with G.2 mile of earth ditch.	Former owners: M. E. Harris, Van Horn, Chamberlain, Johnson, Aichardson. Previously irrigated 62 acrss.
13%/54=601 (Sheet 9)	Prenadu irripation District	Thas'a River		l,541 acres by flooding*	6,268	Approp.	no cre	Appl. LL8°	1898	?	(**)

[•] See remarks.
• For additional information see Appendix D
"Partsile Descriptions of Certain Surface
- and Investions".
- Information not available.
For lattered footnotes, eve last page of table.

1				Woter use in 1958		App	Apporent woter right	right	Indicated date of			
chafon and Pigts 2 sheet number	Oversion nome and/or owner	Source	Purpose	Extent and method	Amount diverted in ocre-feet	Type	Amount	Reference	appra- priation or first use	Description of diversion system	Remorks	
[
				, o	RENADA :	SUBUNIT	GRENADA SUBUNIT (Continued)	<u></u>				
(Speet 9)	Huesman Ditch. Frank Brahs, et al. F	Rasta River	**	1,176 acres by flooding*	9,077*,10 Adjud.		11.90 cfs Par. 124F	Par. 124 ⁶	1862	Gravity; wood gate 5 feet nigh, 5 feet long with 12 miles of earth ditch and 3 storage reservoirs.	Pomer owners; Edson and Foulke Company, Ranuel De Sozo. Fortion of anount diversed irrigated an additional 202 acres johnily with ulk/64-25Fl.**	
.31/6=-2F1 (.Meet 0)	Sarvel Bruinsma	Willow Creek	Irrig.•	(*)	None	Riparian	1	;	Prior 1958	Gravity; concrete headgate 2 feet long with U.b mile of earth ditch.	Former owners: Orr Srothers, Orr Satate, D. H. McCarar. Previouely supplemented 131/6#-211.	
135/04-211 (Sheet 8)	Samuel druinsma	Willow Creek	Irrig.	174 acres by flooding*	336◆	Riparian	1	ŀ	Prior 1958	Gravity; wood headgate with O.L mile of earth ditch.	Former owners: Orr Brothers, Orr Bstate, D. H. McGerpar, Area Irrigated previously received eupplemental eupply from \$431/64-271.	
23/64-1161 Thet 5/	Samuel Bruinsma	Willow Creek	Irrap.	12 acres by flooding	7772	Riparian	1	!	Prior 1958	Gravity, concrete headgate 2 feet nigh, 4 feet lon, with 0.3 mile of earth ditch.	Former owners: Urr Brothers, Urr Estate, D. h. McGargar,	
131/64-1101 Sheet = 1	Samuel henomes	Willow Greek	(*)	(*)	434	Adjud.	0.10 cfs	Par. 112 ^g	Prior 1958	Gravity; earth dam 2 feet high, 50 feet long with 2.2 miles of earth ditch.	Former owner: is, D. Duke. Purpose of diversion in year of survey was leaching an alkali field.	
Style-last	i. Prijae	Tributary to	irrig.	(4)	\$0.	(q)	1	!	1946	ump; 10-hp motor with a short pipeline.	Amount diverted supplemented 131/6+2311 for use reported the reunder	
.3:/6w-22H1 (Shert d)	J. 1. Pace	Springs tributary to Willow Creek	Irrig.	(*)	*017	(p)	;	;	About 1850	Pump; 20-hp motor with a short pipeline.	Remarks for L3M/64-22HL apply.	
(Shoet 5)	U. Price	Orr Slough	Inth.	62l acres by floodings	S1114	Riparian	1	1	77767	Gravity; earth dam 7 feet high, 150 feet long with 0.4 mile of earth ditch. A sump et base of dam 200 feet long, 40 feet wide, 20 feet deep has a short earth ditch to connection with 13N/6m-20Cl and a 10 hp pump with 50 feet of 6-inch pipe to 1.4 miles of earth litch from dam.	Pormer owner: Anchard Anchard, Previously irrigated an additional 18 acres, sount diversed supplemented by L3N/64-2601, L3N/64-21M1 and h3N/64-22R1.	
u33/64-21E1 (Sheet 8)	Mills Ranch Corp.	McCloud lawh	Irrig.	47 acres by flooding	Not meas.	(q)	1	1	Prior 1900	Gravity: earth dam 1 foot high, 20 feet long with short earth ditch to field.		
(Sheet - 1	Edson L. Foulke	McCloud Slouph	0.00 mm	llu acres by flooding	MOt Beas.	Adjud.	2.00 cfg ³ d Par. 122 ^F . 1.00 cfg ³ d	Par. 122 ^{F.}	About 1856	Gravity; timber dam 20 feet. low, & feet fligh with 0.5 mile of earth ditch.	Former owner; adson and foulke Company. Meported water right anounts may be diverted all or in part by this diversion, LBN/6=20H1, or LBN/6=20H2.	
1										7		

[•] See remarks.
• For additional information see Appendix D "Partalled Descriptions of Certain Surface and District Diversions".

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Diversion				Water use in 1958		Apr	Apporent water right	right	indicoted dote of		
locotian and Plate 2 sheet number	Diversion name and/or owner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Type	Amount	Raferance	appro- priation or first use	Dascription of diversion system	Remorks
* * * * * * * * * * * * * * * * * * *				19	GRENADA	SUBUNIT	SUBUNIT (Continued)	1)			
L3N/64-2601 (Sheet 8)	J. L. Price	Willow Creek	lrrip.	(*)	. Lil.7a	Adjud.	2.70 cfs o.50 cfs	2.70 cfs ^h Par. 253 ^R 0.50 cfs ^h	About 1850	Gravity; earth and rock dam with 1.5 miles of earth ditch.	Pormer owners: A. S. Urr, Hontague and Kedori Feed Lot Company, Richard Richman, Amount diverted supplemented BA/cw-≥3/l for use reported thereunder.
1,3%/6%-26H1 (Sheet 8)	Edson L. Foulke	McCloud Slough	Irrig.	12 acres by flooding*	Not mmas. Addud.	Adjud.	(4)	(*)	About 1856	Gravity, timber headgate with 0.3 mile of earth ditch.	Former owner: Edeon and roulke Company. Previously irrigated an edulitional 35 acres. For water right details see 43N/64-25D1.
L3N/6n-2cH2 (Sheet 8)	Edson L. Foulke	McCloud Slouph	leng.	23 acres by flooding	Not meas. Adjud.	Adjud.	(*)	(a)	About 1356	Gravity; U.2 mile of earth ditch.	rotmer owners Edson Foulke Company. For water rapit details see h3://ow-29:11.
43%/6m=34Rl (Sheet 8)	Ednon L. Foulke	Allow Greek	in Fr	387 acree by flooding.	777	Арргор.	308 af	Appl.11092°	1856	bravity; gravel and log dame in feet long with 1.5 miles of earth ditch to a 305-acre-foot storage guservoir.	Former owners: Edson profiters, idson and Found company. Area irrighted received supplemental supply from LIN/S#-9F1 (weed Submit).
	Charles 7. and Ellen B. Drummond	white Slough	I evel p.	55 acree by flooding*	Not meue. Approp.		38 af	Appl.17639	370	Gravity and storage; earth dam 15 feet high, 900 feet long with 0.2 mile of earth ditch.	Amount diverted supplemented by Uliv/Sw-20Mi.
JJN/54~20M (Sheet 6)	Charlee F. and Ellen B. Drummond	Springs tributary to White Slough	Irrig.	3 acres by flooding*	Not meas. Approp.		30 af	Appl•17639 ^c	Prio r 1957	Gravity and storage; earth dam 12 feet high, 250 feet long with 1.5 milee of earth ditch	Former owners: Edson and Foulke Company, Hueman, Low Foulke, Practice, Davis. Previously irrigated an additional 7 serse. Amount diverted supplemented LLM/S4-1931 for use reported therunder.
ULN/Od-3R1 (Sheet 5)	John L. Doren	Shaeta River	Irrir.	128 acres by flooding	835	Riparian	!	1	Prior 1925	Pump; electric motor with 300 feet of 10-inch pipe to 1.7 miles of earth ditch.	Former owners! Gilplin, H. H. Hudson, L. E. Edmonds, Suzy Hudson.
	Williard and Merl Freeman	Sheeta River	Irrie.	51 acres by flooding	1,7	Riparian	;	ı	Prior 1922	Pump; 10-hp motor with 1,650 feet of 10-inch pipe to 0.7 mile of earth ditch.	Former owners: Joe inco, erown, idmonds, Erane.
	John L. Boren	Shasta miver	Irrig. Stock.	47 ecres by flooding 130 head	66	Adjud.	1.80 cfs	Pur. 138 ^g	1885	Gravity; 2.0 miles of earth ditch.	Former conners: Salpin, h. M. Mudaon, L. E. Edmonds, Susy Mudeon.
Uhs/6-14A1 (Sheet 5)	Roland Exstrom	Shante River	imik.	ll acres by flooding	877	Approb.	0.25 cfe	Appl.4831°	About 1952	Pumpi 5-hp motor with 132 feet of 42-, 5-, and 8-inch pipe to U.2 mile of earth ditch.	
ulis/6=16M1 (meet 5)	R. E. H. Juiten	Cottunwood Greek	True.	(*)	None	rliparian	1	:	Pror 1925	bravity; earth dam with 1.0 mile of earth ditch.	Former owners: Reuswander Julien, Octavia Julien, Octavia Julien Epiate, Freviously supplemented Luky6n-21A1.

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• For additional information see Appendix D.
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TABLE 5(Continued)

DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Woter use in 1958		App	Apparent water right	right	Indicoted dote of		
codion and Pigf# 2 sheet number	Diversion name and/or owner	Saurce	Purpose	Extent and methad of use	Amount diverted in acre-feet	Туре	Amount	Reference	appra - prration or first use	Description of diversion system	Remores
				49 _	GRENADA S	SUBUNIT	SUBUNIT (Continued)				
	t:		14	Andrew Spiller of the File		Ad, u t.	ofgn	Programme and Pr	10 Ac.	and by a	
•		4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	į.	#	677	· had fy	Jr 69	A) 1 18.	1016	Double and artificial partial and foot principle and within an earlier of earlier and earlier.	eric or state of the second of
		estado estados		Ruttere', Ad season in	B 3 4 5	en torde	1			Printing Billier of worth transfer to 129 mark dates	reversely are set by the forther of reversely are supplemented by/defector of aroun supplemented by/defector for use reported thereunder.
(In 10	uar no e e e	age aceb	. 144	. Office of the section of		The Can	1	1	1 10 10	anavetat mar and earth da. eath -7 mile af earth liber	
		% • •	:- 	68 acres by floodings	24	untaefin	1	Ŷ	in a second	erwidy), other combinations	inverse, introduce an additional 19 acres. Amount diverted supplemented by aut/6-21A2.
4	· press.		£.	Topos to Contract	2,502°1"	William III	4		- - -	emaining marth dans contin has a selection with a selection with a selection of the selecti	Comparison of the soft be an object to the comparison of the control of the contr
Section 2			\$	and a management of the	• • • •		1		End of the control of	about grobe themstables of the solution of the solution of each solution.	operations that the profite to the expension of the expen
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1,41,5 American		* - 151 ·		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	-	(t.)	;	_	ñ	The state of the s	Manager Commencer
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Diversion				Water use in 1958		App	Apporent woter right	right	indicated date of		
Lacation ond Plote 2 sheef number	Diversion nome and/or owner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Туре	Amount	Reference	oppro- priotion or first use	Description of diversion system	Remorks
				3 9	RENADA S	UBUNIT	GRENADA SUBUNIT (Continued)	_			
() () () ()	u terd, sulteda	dolla sign	Irris.		B.C.S.	Ad, lud.	n, de eff	Bur, 6E	18%	Gravity; earth and board dum with U.2 mile of earth ditch.	Former owner: J. H. Almender, Amount diverted supplemented July/64-3061.
with the lib.	A8.75.36 , A6.	ল কি ব্যৱ	Irr	errely though.	**	anandy	1	1	Attent	Smarthy, warth and rock dam with J. milm of earth ditch.	- Kada-, sando dando.
Street)	*** · **)	d. in Othern	. 1771 	Starte by fl daylot me.		And plant.	PAGE 15	en de la companya de	A Comment	PRAVLESS PARTH SER WITH 1.7 MAIN OF WARES SILOR	Commer commers: Our unablees Corp., U. 3. Accounter, J. B. Cfs March 1 to November 1.
e 1 1		Annual Control of the Control of	:	A Company by the table	Let	Ang The	B q	r		Jesvijj, commote her bjates Act, ag male of membrokite.	common cateras are irrothera, or H.
÷	:				- 44	(3)	!	:	List.	Journings with North Tret. Tith, a Ulter was much size of a size of earth fater.	Europe Smooth Analog, rrevisionly intrapoled theorem and outplant 95 measures.
1 - Jane 1	· · · · · · ·	10 To	* 400 %	- 4	# 1 g = - P	- (a)	!	1	ε,	or V tyt curth own 25 fect i.h., 550 Pert one; with moore of earth litch.	supplied of the contraction of the supplied of
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						LITTLE SHA	SHASTA SUBUNIT	TINI			
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TABLE 5(Continued)

DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Woter use in 1958		Appo	Apporent water right	r ight	Indicoted dote of		
Locotion ond Digte 2 sheet number	O∍,efsion nome and/ar o⊭ner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Type	Amount	Reference	appro- priation or first use	Description of diversion system	Pemorks
				. CT	LITTLE SHASTA		SUBUNIT (Confinued)	finued)			
	i.	-		LS acres by floodings	\$ S	distrated to	;	1	Al. 14.	Damy, Physiother with	For a compared than that laws of days and a managed by his/law-512.
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	# 1 A	6. 53	. 1773 : .	74 sames to two dated	'n	wa find.	1.10 cfs	Far. 235	228	ambaning latestee of earth sinch	rigner korist brank di Admis keunjer A. Admis keuric Elicks
-0	er Service Ser	Obj. 1 Obj.	, care	irrus, hy12 acres by	140,11	ed just.		ier. all	194.	Pumpas 37-th mater with 1,970 Feet of 34-inth 119-to 7. makes of warth stich and a second 37-in the burt with 1,730 Feet of (0-inten are to 3.5 makes of warth stich.	(00)
11 - 12 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	1.100 . mai	Z ADI Pashan	. 1771. Of 15.	. To worker by thooding.	420	Ad_ud.	X 25 cf 24	Par. 205 ⁶	1677	Gravity; i. male of earth alteh.	Former smores trans d. Attis, serrige d. King, serrige Floors.
The state of the s	: :	frhetary standard frest.		l) acres by flooding*	х	Adjud.	11,15 ets	Par. 14,08	6 0 60 7	oravity; . mire of earth ditter.	Porace wapers: H. H. Hudson, L Erands. Knort styeeted supplemented by Lib/6.—Lit.
		Fritting Connects Irros, 16	• C : EE T	16 acres by flooding*	ec ——	Adjud.	× s	Pur. 139	1912	emuthy 4.3 mile of earth direb.	Former own rul #. Hadson, I. E. bhends. Knownt alwerted supplemented that/Os-hill for uso reported thereunder.
	Edition 1 To the Editio	e and the second of the second	15	Sample of Houthy	921	A4, u4•	46.10 C.	: 'ar, 381, t	1858	Startby for and starts that the starts	runger Gerrin Gerry, harman, sudan E. Perallitor, Benry U. Ferallitor, fermingler, the light of Assount diversive a resistant and additional 37 acres jointly with 45%/50=182.
451 6A-122	outney to	FILE MATERI	Irriv.	(~)	Not mens.	หญาจเราสก	1	;	About 125	sparity; 0.4 mile of earth dates.	amount diverted irrigited 32 acres joints with $45R/4\sigma^{-1}obt$.
16 Jan 10	wired C. acc Wiosa M. Edmonds	1. VP T	Sha ord Sha Sha ord	statementy frontage of sprinkler	332 ⁿ	Ad_ud.	*0	Par. 66 ¹³	About 1357	Junathy, on the a first might 20 feet tong with 1.0 mile of earth ditch to a 168 sere-foot preservoir.	romer secure: Mount shasta Halling Company, Dymack, Signe Meder, Lamards, Johns, La offa candary . to becomize \$1.

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• For additional information see Appendix D,
• Fut lide Descriptions of Certain Surface
"later Diversions"

Information not available
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Diversion				Water use in 1958		App	Apporent water right	right	indicoted date of		
Locotion and Plate 2 sheet number	Diversion nome ond/or owner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Туре	Amount	Reference	oppra- priotion ar first use	Description of diversion system	Remorks
				רדים	LITTLE SHASTA	TA SUBL	SUBUNIT (Continued)	(penui			
1000											
(1 (a-12)) (1 (a-12))	Ferral Territory Difference of the control of the c	list o dista diver	Lrrb,	1882 wires by Nouther 489 bond	123	Approp.	14 af 3.5. eff 3.50 eff 3.50 eff 0.00 eff	16.2.2 of hep. 1315 (2.3.0 cm) hep. 1217 (2.3.0 cfs) hep. 1217 (3.5.0 cfs) hep. 1217 (3.5.0 cfs)	Alaut Pety?	oraxity; the city of reach discuss the corporate with constitution of free both small lifts free form.	output which is breattable. d. L. outhing delige anomy, d., out. Previous garminoled an assister (154) When.
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A Section 1	En.			25 acres by flooding*	्रे की आप धा	10121			Mari	servity; e eth tan with '.	in the five chi supplemented by USW/im=2021.
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TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SMASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

EC 848* 7				Woter use in 1958		App	Apporent water right	right	Indicoted		
acotion and Plate 2 sheet number	Oiversion nome ond/or owner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Туре	Amount	Reference	appro- priation or first use	Description of diversion system	Remoras
				רועברנ	LE SHASTA		SUBUNIT (Confinued)	(penul			
						-			•		
21 28 20 21 21											
5%/5#-3%1 Reet 3)	Harold W. McWillians	Oregon Slough	Irrig.	95 acres by flooding	Not meas.	Kaparian	ŀ	1	About 1939	Gravity; earth dam with leli miles of earth ditch.	Former owner: Licher.
.Steel 3)	Ida A. Martin	inttle Shasta River Irrig.	Stock.	12 acres by flooding*	Not meas. Adjud.		0.55 cfs, Par. 150 ^g 0.15 cfs, Par. 163 ^g 0.55 cfs, Par. 163 ^g	Par. 150 ^g Par. 163 ^g	1457	Gravity; rock and earth dam with 1.5 miles of earth ditch.	Former where: A. C. Haight, b. C. Hart. Previously irrigated an additional 21 acres.
LSN/5W-2581	Babcock, Martin and Soule Litch, Frank B. and Vargaret S. Day, et al. F.	little Shasta Hiver Irric. Stock.	Imig. Stock.	L69 acres by flooding*	538 [*]	Adjud.	0.56 cfs 0.20 cfsh 0.56 cfsh 0.10 cfsh 0.06 cfsh 1.97 cfsh	Par. 151 ^g Par. 252 ^g Par. 307 ^g Par. 364 ^g	1858	Gravity; 30-inch pipe to 1.4 miles of earth ditch.	Former owner.: A. L. Babcock, m. T. Nartin, Ann Soule, A. C. Haaght, Clarence m. Soule, Mary J. O'Connor, Olenn H. Spencer. Portion of assount diverted upplemented LISA/S#-2593 for use reported thereunder. Previously irrigated an additional 2 seres.
(Sheet 3)	Pussrave and Linton Etch Myrile Brown and Sasate of Ira E. Brown, et al. r	lattle bhasta Rlver Irrig. Domest Stock	lrig. Domestic. Stock.	689 acres by flooding* l,153*,n	1,153*,n	Adjud.	19.6 cfs ³ far. 88 ^g 2.10 cfs ³	Par. 88 6	1859	Gravity; rock and gravel dam with h.3 miles of earth ditch.	Former owners: Ann Soule, L.:.weer, Esther it, cariary, Joseph srown, Ester, Marchild, Raterine I. Newton, E. A. Sullivan, Jases F. Long, wary J. O'Connor, L. Lee Orbon, Clarence an officional L. Arcustinal Clares for a forth day, Arrigated an additional Cl. Previously Arrigated an additional Research of the James and additional Research of published a supplemental aupply from all Sales.
LSN/54-25B3 (Sheet 3)	Gladys I. Hert D. L. keynolds	little Thasta River Irrig.		1,536 acres by flooding*	1,168	.tdjud.	15.0 cfs Par. 152 ^g	Par. 152 ⁶	1855	Gravity; concrete and gravel dam with 3.0 miles of earth ditch.	Former owners: C. Hart, George M. Haght, Wary L. Pratter. Area inrighted received supplemental supply from USN/5 = 25B.
(Seet 3)	L. L. Shelloy D. L. Reynolds	Little hasta flivor Irrig. Stock.	Stock.	26 acres by flooding	Not meas. Adjud.	Adjud.	0.63 cfs ^h Par. 153 ⁶ 0.63 cfs ^h Par. 251 ⁸	Par. 153g	1864	Gravity; 30-inch pip. to 1.6 miles of earth ditch.	Former owners: Smith, Deorge M. Haybu, W. T. Waltin Mattle A. Haght. Prevousty irrigated an additional ill acres.

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 Por additional information see Appendix D The siled Descriptions of Certain Surface Acts Investors.
 Information not available.

Oiversion				Water use in 1958		Apt	Apparent water right	right	Indicated date of		
ond ond Plote 2 sheet number	Ulversion nome ond/or owner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Type	Amount	Reference	oppro- priotion or first use	Description of diversion system	Remarks
				רונ	T LITTLE SHA	SHASTA SUB	SUBUNIT (Continued)	ofinued)			
M M M M M											
L5N/5W-26El (Sheet 3)	D. L. Reynolds	Little Shasta River	Imig.*	(*)	None	(a)	;	;	Prior 1958	Gravity; short earth ditch.	<pre>lirigated 11 acres and supplied 1,000 head of livestock until 1958.</pre>
15 V/5 M-26R2 (not mapped	Montague Water Conservation Listrict	Little Shauta miver	Munic. Domestic Indust.	(a)	Not meas.	Арргор.	2.30 cfs	Appl. 4909	1926	Gravity; concrete weir with flash boards.	Anount diverted supplemented 13N/54-25L1.
USN/54-3011 (Sheet 3)	Donald and Illene D. Matson	iittle Shasta River irrig.		208 acres by flooding	586	Approp.	3.0 cfe 223 af 318 af	Appl.10982 ^c Appl.13200 ^c	1946 1949	Gravity; concrete dam 3 faat high, L feet long with 5.5 miles of earth ditch to a 345-acre-foot reservoir.	Former owner: George Flock.
45%/50+3281 (Sheet 3)	Earl M. and Mildred C. Flock	little Shasta River Trrip.	I TTL	750 acres by flooding	4,224	Approp.	9.60 cfs 1,000 af 2,250 af 6 cfs	Appl.10949° Appl.11705° Appl.13462° Appl.14580°	1945	Gravity; concrete dam L feet high, 10 feet long with 5.5 miles of earth ditch to a 1,200-acre-foot reservoir.	
153/54 3341 (Sheet 3)	Minnle A. Tamisiea	Little Shasta River	Irme.	lv acres by flooding	Not meas.	Adjud.	0.63 cfs Par. 301 ⁶	Par. 301 ⁶	1905	Gravity; 0.1 mile of earth ditch.	Former owner: Hoyt.
uSh/Sw-3301 (Sheet 3)	Mannie A. Tamisiea	Matery to Little Shasta River	Irriv. Stock.	58 acres by flooding*	Not meas.	(q)	ł	1	About 1930	Gravity and storage; earth dam of feet high, 70% feet long with weir gate to release to 0.3 mile of earth ditch.	Former owner: Batcock, Portion of anount diverted supplemented LSV(54-3)01 for use reported thereunder.
15:75x-33c2 (3heet 3)	Minnie A. Tamisiea	Imbutary to Little Sharta River	irnir. Stock.	* 1	Not meas.	(a)	ì	1	About 1930	Gravity and storage; earth dam 8 feet high, 700 feet long with welf gate to release to 0.2 mile of earth ditch.	Remarka for LSU/SW-33Cl apply.
[Shert 3]	Minnie A. Tamisiea	Tributary to Little Shasta River	Irrie.	*	Not meas.	Riparian	;	;	About 1921	Gravity; gravel and board dam 3 feet high, 20 feet long with 0.2 mile of earth ditch.	Remarks for LSN/SW-3301 apply.
454/54-1341 (chemt 3)	Minnie A. Tamisiea	Fributary to Little Irrik. Thasta River Stock.	Irrik. Stock.	109 acres by flooding Not meas.	Not meas.	(q)	ł	1	About 1930	Gravity and stornge; earth dam 6 feet high, 700 feet long with welf gate to release to 0.2 mile of earth ditch.	Former owner: Babcock, Amount diverted supplemented by LSN/Sw-3301, LSN/Sw-3302, and LSN/Sw-3301.
4.00 m-3(D)	Minnie 1. Taminiea	sabcock slowth	Irrif. Stock.	17 acres by floodings 10t head	Not meas. Adjud.	Adjud.	1.00 cfs] Far. 380 ^E 0.25 cfs	Par. 380 ^g	1858	dravity; concrete and gravel dam 3 feet high, lo feet long with 0.2 mile of earth ditch.	Former owners: Hoyt, babecck. Previously irrigated an additional lu acres.
1537/5% NED (Since 1,	'unta A. anithea	Incuracy to Little Standa River	irrig.	ll acres by floodings	Rot meas. Riparian	Hipari an	;	t	About 1860	Gravity; earth dam with 0.2 mile of earth ditch.	Former concers: Moyt, Prather. Previously irripated an additional 13 acres.

[•] See remarks.
• Por additional information see Appendix I "Frisilad Feeringions of Certain Curface and Feerings".
• En Information not available.
For information fortnoton, see Last page of fails.

	,				Woter use in 1958		App	Apparent water right	right	Indicated		
Commune A	2° 7 2nd Pid'e 2 shee' number	Diversion nome and/or c∈ner	Source	Purpose	Extent and method of use	Amount diverted in acre-feet	Туре	Amount	Reference	oppro- priotion or first usa	Description of diversion system	Remorks
Arthur "Conner Little charts have Free, 50 acre by flooding Not meas Adjust 1.55 cfs, far. 30° [1800 Gravity, concrete and 15 feet. Rathur Conner Little charts have Free, 50 acre by flooding Not meas Adjust 2.59 cfs [1800 Gravity; concrete and tion. Charts have Free, 50 acre by flooding Not meas Adjust 2.59 cfs [1800 Gravity; concrete and tion. Charts have Free, 50 acre by flooding Not meas Adjust 2.59 cfs [1800 Gravity; concrete and tion. Charts have Free, 50 acre by flooding Not meas Adjust 2.59 cfs [1800 Gravity; concrete and tion. Charts have Free, 50 acre by flooding Not meas Adjust 2.59 cfs [1800 Gravity; concrete and tion. Charts have Free, 50 acre by flooding Not meas Adjust 2.59 cfs [1800 Gravity; concrete and tion. Charts have Free, 50 acre by flooding Not meas Adjust 2.59 cfs [1800 Gravity; concrete and tion. Charts have Free, 50 acre by flooding Not meas (b) 2.50 cfs [2] [20 acre by flooding N								 BUNIT (C]			
While A. There is a little Chart have live. When the meal Adjud. 1,0 of Par. 30° [No. 100 Miles of earth dish. A. There is a little Chart have live. When the meal Adjud. 1,0 of Par. 30° [No. 100 Miles of earth dish. A. There is a little Chart have live. When the meal Adjud. 1,0 of Par. 30° [No. 100 Miles of earth dish. A. There is a little Chart have live. When the miles is a little Chart have live. When the miles is a little Chart have live. When the miles is a little Chart have live. When the miles is a little Chart have live. When the miles is a little Chart have live. When the miles is a little Chart have live. When the miles is a little Chart have live. When the miles is a little Chart have live. When the miles is a little Chart have live. When the miles is a little Chart have live. When the miles is a little Chart have live. When the miles is a little Chart have live. When the miles is a little Chart have live. When the miles is a little Chart have live. When the miles is a little Chart have live. When the miles is a little chart have live. When the miles is a little chart have live. When the miles is a little chart have live. When the miles is a little chart have live. When the miles is a little chart have live with the miles of a little chart have live. When the miles is a little chart have live. When the miles is a little chart have live. When the miles is a little chart have live. When the miles is a little chart have live. When the miles is a little chart have live. When the miles is a little chart have live with the miles is a little chart have live. When the miles is a little chart have live with the miles is a little chart have live. When the miles is a little chart have live with the miles is a little chart have live. When the miles is a little chart have live with the miles is a little chart have live with the miles is a little chart have live with the miles is a little chart have live with the miles is a little chart have live with the miles is a little chart have live with the miles is a littl	50								_			
Arting "Conner Little Sharts alver Irrig." (*) Some Adjud. (*)11 Caf Par. 1956 1860 Granty; seth dam with a higher learn dam with a standard standa		V. N. Hobrer Minite A. Tamisiea	Little Chasta fiver	Irrif. Stock.	239 acres by flooding Lo head	Not meas.	Adjud.	2.17 cfs _h 1.65 cfs	Par. 379 ^g Par. 320 ^g	1858	Gravity; concrete dam 15 feet high, 100 feet long with 1.0 mile of earth ditch.	Former owners: Elizabeth moyt, Mary L. Frather.
E. L. Enymoles Little Sharts miver lire. Arbur ("Commor little Sharts miver lirig. 256 acres by flooding Not meas. Adjud. 2.59 cfg Par. 306	Sheet 3.	Arthur "Connor	Little obasta miver	***************************************	*	None	Adjud.	1.30 cfs ^h	Par. 309E	1860	Gravity; earth dam with a Short earth ditch.	Freviously irrigated 7L acre, 36 acres of which were dry-fared in 1956.
Arthur ("Common little Shasta niver lirig." (*) None (*)	10 10 10 10 10 10 10 10 10 10 10 10 10 1	D. L. Reymolds		Irrig. Stock.	10 acres by flooding	Not meas.	Adjud.	o.11 cfs	Par. 155 ^g		Gravity; earth and rock dam with 0.2 mile of earth ditch.	Former owners: Smith, Haight.
Thadys : An intile Shata Hiver Irrig. 226 acres by flooding Not meas Adjud. 0.59 efer Par. 1656 1860 Gravity; concrete dam with Standard Sunton Hellow Creek Irrig. 60 acres by flooding 167 ⁿ Adjud. 1.75 efe ^k Par. 3126 About Parts of Carth dith. 1.75 efe ^k Parts of Carth	1. Weet 3.	Arthur O'Connor	Little Shasta myer	Irrig.*	(*)		Adjud.	2.59 cfs	Par. 308E		Oravity; earth dam with	Pomer owners: Orises, Montry. Proviously arrigated 130 acrew jointly with LiSN/528P1. Area was dry-farmed in 1954, Reported water right amount may be diverted all or in part by this diversion or LSN/528P1.
Grant Sunton Hollow Creek Irray. 64 acres by flooding 167 ⁿ Riparan	[.	Cladys : Har	Little Shasta River	Irrig.	226 acres by flooding	Not meas.	Adjud.	2.99 cfs ^h 0.50 cfs ³	Par. 165 ^g	1860	Gravity; concrete dam with 0.9 mile of earth ditch.	Former owner: Kate C. Hart.
Found Joy W. That alter lirig. 99 acres by flooding 234 Adjud. 1.75 ofen 126 About Pumpi 25-hp motor with 200 Fee of 12-inch pipe and 1.75 ofen 126 of 12-inch pipe and 1.75 of 1.75 o	151/6 m 321 (Sheet 8	G. Roland	Sunton Hellow Creek	Irrap.	64 acres by flooding		Riparian	1	:	About 1929	Gravity; earth dam 5 feet high, 130 feet long with 0.7 mile of earth ditch.	
Clearent Mutton Creek lirth. 28 agree by flooding Not meas. (b) — About Gravity and storage earth for dam 18 feet high, Won	253/tw-761 Sheet 2)	5. 4. and Joy M. Hoberts		Irrig. Stock.	99 acres by flooding 100 head		Adjud.	1.75 cfe ^k 0.25 cfs ^m	Par. 342E	About 1875	Pump; 25-hp motor with 200 feet of 12-inch pipe and 1.5 miles of earth ditch.	Former owners: Manuel Rodgers, Manuel Freres, John Silver, Joe Foster, Manuel Shelly, Frank Foster, Gorge Foster, Lawrence Barnes, Dr. Simpson.
Mrs. Hertna Clement Mutton Greek Irrig. 86 acree by flooding* Not meas. (b) About Gravity and storage; earth An Stock. 100 - 300 head 195 195 195 195 195 196 with 0.2 mile of earth ditch.	d 2	Paul Clement	Mutton Greek	irrie. Stock.	2d acres by flooding 150 head	Not meas.	(q)	1	1		Gravity and storage; earth dam l8 feet high, UGO feet long with 0.1 mile of earth ditcm.	Pormer owner: a. Gross.
	m ?	Mrs. Pertin Clenent		Stock.	b6 acree by flooding*	Not meas.	â	1	1	About 1954	Gravity and storage; earth dam 17 feet nign, 800 feet nign, 100 feet earth ditch.	Amount diverted supplemented by LiN/S+-55Ll (Dwinnell Reservoir Subunit).

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TABLE 5(Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Water use in 1958		App	Apporent water right	right	Indicoted date of		
Location and Plate 2 sheet number	Diversion name ond/or owner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Туре	Amount	Reference	oppro- priotion or first use	Description of diversion system	Remorks
				LITTLE	LE SHASTA	A SUBUI	SUBUNIT (Continued)	nued)			
(Sheet .)	A	oharda www.		" neres by Londling	Ď.		djud, 0.25 cfak	7. 4. 5.	The control of	arwight tribulant fret by A. Dy Better with with	Pormer owner: Henry Nock.
And the state of	T	the contraction	Le Le	irr o. 153 acres by floodings	April .	Quillian	1 1		Har	anyologi terpinang sambi ti Limang at the tivel bermian ging Same and the timent	Former owners: Charles C. Payot, isoppe Flock. Amount diverted supplemented by LSM/6h-2041.
. (And	1.63		* to the control of t	a: •	ret - 1.	1.30 cfs x 0.35 cfs x 1.50 cfs x		42.	erwith, order to solution	rotmer owners: Charles . Payot, Jeope Flow. Portion of amount diverted supplemented USW/64-20Al for use rejected thereunder.
of the state of th	Anger			Supplied to the proof of the pr	:	:	3.50 cfg. 2.30 cfg.	र्ड द द			Former Whers: Jeckre Flock,
. The state of the	and and a stack			78 at the sign is notified.	,	Ad, B 1.	. to cfs	 t.	\$	a walks mich ha wath .	Former owner: Charles 1. Payot.
	despessor reco	. St. 17 152.	: ; : ;	The second of th		κ. τ.	The state of the s		1	And the second of the second o	Area irrivated previoualy received supplemental supple from LGI/how-22Fl.
• •		# 1	Irrig.	(e)	ī	÷	ř <u>u</u>	, M	÷		Proviously supplemented [57/645-221.
				124	,	:			Ž		
6.5 5.4 5.4	#	£4 .5.	2.2				1.20 ofsm C.50 ofsm	ċ			Former owners; successit, ecorge Lewis and Mary Truppenu.
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• For additional information see Appendix D,

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- Information not available

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TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

0 -818100				Water use in 1958		App	Apparent water right	right	Indicated date of		
ond ond Plate 2 sheet number	Diversion name and/or owner	S 20 20 00 00 00 00 00 00 00 00 00 00 00	Purpose	Extent and method of use	Amount diverted in acre-feet	Type	Amount	Reference	appro- priation or first use	Description of diversion system	Ramorks
					T TIE SHA	T T	SUBUNIT (Continued)	intinued)			
20 60 63 34											
(Sheet 2)	Mary Lenos	Shasta River	Irrig.	6 acres by flooding	340	Adjud.	0.30 cfs	0.30 cfs Par. 216 ^g 0.10 cfs Par. 216 ^g	Prior 1881	Gravity; rock dam with .4	Former owner: George Lemos.
LSN/FH-29H2 (Sheet 2	Vary Leros	Blas'a Hiver	Irrie.	31 acres by flooding	58	Adjud.	O.Lo cfa	Far. 217 ^g	Prior 1881	Pump; electric motor with O.1 mile of pipeline to O.2 mile of earth ditch.	Former owners: cosonett, Caneliacus, Laird, Ceorge Lemos.
L51/14-33A1 (Steet 21	Morris L. Prather	Little Shasta River	Irrif.	(*)	1,04	Mparran	1	1	About 1910	Pump; 10-hp motor with 900 feet of c-inch pipe.	Former owners: Lucas, Merrill, frank Mosea, Amount diverted supplemented LSN/t+-3UDl for use reported thereunder.
15%/* == 3341 (Sheet 2)	Leonge Flock	Coyote Eavine	lrife. Stock.	47 acres by flooding*	64	Adjud.	0.25 cfs	0.25 cfs Par. 210 ^R	1880	Gravity; timber dam with 0.3 mile of earth ditch.	Former owners: J. f. Aing, George f. King.
15N/ 1LD1 Zeet 2)	Morris L. Prather	Tributary to Little Shasta River	Irrig. Stock.	86. acres by flooding* 200 head	09	(a)	1	1	About 1938	Gravity and storage; earth dam li feet nigh, 30. feet long with 0.1 mile of earth ditch.	Former owners: Lucas, Mertill, Frank Mosea. Area brighted received supplemental eupply from L5%/o=33Al.
u5N/64-3LJ1 (Sheet 2)	Conald c. and Illene D. Watson	Little Shasta River	Irrik.	46 acres by flooding	Not meas. Adjud.	Adjud.	0.37 cfs	0.37 cfs Par. 2096	1877	Gravity; 0.7 mile of earth ditch.	Роттеготег: С. м. блл
					LOWER	SCOTT V	LOWER SCOTT VALLEY SUBUNIT	BUNIT			
.3%/v#-3D1 (Sheet 7)	ivan R. Howell	Scott Hiver	Irrig.	23 acres by aprinkler Not meas.	Not meas.	Riparran	1	1	Prior 1946	Pump; 43-hp engine with short pipeline.	
L3N/92-3H1 (Sheet 7)	Scott Valley Irrigation District	Scot: River	Irrig.	1,225 acres by flooding.	3,981*	Approp.	25.0 cfs	Appl-17997	195h	Pumps; one 50-hp and one 100-hp motor with OiL mile of 3u- inch pipe and 5.5 miles of earth ditch	Previously irrigated an additional 72 acres. Area Irrigated includes 24 acres normally irrigated by ULL./yw-28R1. Portion of amount divorted irrigated 131 acres jointly with ULL./yw-2531 and previously irrigated an additional 7 acres.
13%/9%-3H2 Sheet 7)	Star Ranch, Inc.	Scott Hiver	Irrig.	680 acres by flooding and sprinkler*	1,474*	Approp.	lt.0 cfs	Appl.11463°	1946	Pump; 50-hp mater with 0.2 mile of 16-inch pipe and 2.4 mile of earth ditch.	Ameunt arverted supplemented by u38/94-201 (McAdam Greek bubunit).
13%/9w-dB1 Greet 7:	C. Cister George Rose	omo Pino Greck	Irrig. Stock.	250 mead Nooding Not meas.	Not meas.	rù pa ri an	;	1	1860	Gravity, log dam with two rarth ditches totaling 1.5 miles in length.	Former owners A. wilson.
133/9s-1731 (Sheet 7)	Stanley M. Emden	Dry Pina Greek	lme.	158 acres by flooding Not meas.	Not meas.	Riparnan	1	;	1956	Gravity; timber dam with 0.2 mile of earth ditch.	Former owner: King. Anount diverted supplemented by L3. (94-2021 and L3. /94-3121 (stna busuntt).

• See remarks.
• For additional information see Appendix D "Petalis Descriptions of Certain Surface into Diversions".

- Information not available.

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Diversion				Water use in 1958		App	Apporent water right	right	Indicated date of		
Locotion and Plote 2 sheet number	Diversion nome and/or cener	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Туре	Amount	Reference	oppro- priation or first use	Description of diversion system	Remorks
				LOWER	SCOTT V.	ALLEY SI	LOWER SCOTT VALLEY SUBUNIT (Continued)	Continued)			
10(2-M-/Ne)	otanies Priden	re kino Greek	Irrig. Stock.	42 acres by flooding 65 head	Not meas.	Mparian	1	1	1'F10F	iravity; timber dam with .6 mile of earth ditch.	Former owners: Lewis, Fineal.
(Sheet 7)	Stanley rrides	Jro zin Greek	Irr.E.	10 acres by flooding	Not mens.	rd parlan	1	1	Prior	orwity; timber dam with 'o each ditches totaling	Former ownere: Levis, Finwall. Portion of amount diverted supplemented LNM/94-1781 for use reported thereunder, and irrigated an additional 60 acres jointly with LNM/94-20M1.
(30 mm 7)	decide of the error	uro sino Greek	**************************************	ognis by thousing	#41 Tre d.9 •	(a)	1	1	1445	bravity; warth dam d feet hlub, 35. feet loop with wil mile of earth ditch.	rbrish of amount fluwrind liresgated an additional o acres cluth with allyw-2011.
(,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Lague d'Adap	chack, ford Greek	Irrig.*	(0	o u c	Ad_'2d•	1,70 cís J.25 cís	A ST	1269	inavity; carbh and rock dam with .3 mile of earth ditch.	rorest seneri Henry E. Chretis, Sr. Irrisated 2 acres onto 1998. 470 cfs April 1. Cotober 1. 4.25 cfs November 1. t. March 31.
	the control of the co	Shick of the Greek	int Domestic	74 acres by flooding (a)	8 7 K.	- Md jud	6.60 cff	Day, Al		wath 2.2 miles of earth dates.	reper who issued ask actuals, the analysis of the four complete from the first the four the state and the first fi
1 - 4 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5 - 5	\$. 	4324) # 14. Jo	00 m 100 m 100 m	195 acres by flooding	Biot mess.	urtusdty	1	1	Troope Troope	aravity; rock dar with males of earth fitch to a small regulating reserving.	TOTALE MOUTES AND LANK, WILLIAM LINE INVESTED SUPPREMENTED BY ASSURE BY ASSURE
		Market DD for the	La La C	who ty thousand	1,063 ⁿ	Adjust.	o in	· .		arevity carte and rest sum a.5 feet n; r, seet ont acti ', raides of carts ditte.	on the warrant Boward, control, herrer, on the public, of a control and the co
		***	6. 5.	· cree by ', estad	4 43	A+5, acd.	6			Anvity, or as in thet him, thet consult . of earth distr	Former owners: Howard, Weed, Blake, Funawy, A. C. Abbee, K. Abbee, C. Zwanziger. Account diverted supplemented by L2K/114-38tl and JLP. Irrivated an additional 313 acres jointly with LJV/104-22Pt. ILD offs April 1 to October 31.

[•] Deer remarks
• For eaditional information see Appendix D,

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TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

D version				Water use in 1958		App	Apparent water right	Indicated date of		
Location ond Piote 2 sheet number	Owner	Source	Purpose	Extent and method of use	Amount diverted in acre-feet	Type	Amaunt Reference	prightion prightion of first use	Description of diversion system	Remorks
				LOWER	SCOTT VA	LLEY SUI	LOWER SCOTT VALLEY SUBUNIT (Continued)	<u> </u>		
				(r)	Mot in as	٠. ت. بېر. ت.	**************************************		county, to with the off earth dich ferring the deficies werek. The water gilled at this profit is entered is all profit countries in your recount they have the start.	ment worth; streams hother, sat to self the ment therefolds to be reported theremost 3.50 cfs April 1 to Geober 3. LCO ofs November 1 to March 31.
	Automotive Communication Commu	Keep Control	- 6.00 to 0.00	of creeding Excelling of processing the precious and processing the processing of th	1,932°n	Majud.			housty; concede that And Data hydr, offer, one and an and astro- astro of earth disch.	r mure words Gug, whoul liveted in propagated as additional 45% acres calety, with a 65% acres first Little to the error of the constant Little to the error of the er
	2	Appeal to the section	* !; !;	119 acres by flooding	4	Adjud.	0 to	<u>a</u>	mounty method man man be with its miles of methodisches	rorest owners; o. 4. derban, a c. sping, derk Schulz, resust diversed supplemented by L34/104-1101.
	*. *** *** **	American Comme	:	garbooth ga booting	6.52 n	मधु प्राची•	.30 of 8 s	About 1.74	Gravity; earth sof rose dum with Go Tive of earth ditter.	m.mrmners: .dalph !!m.) Harway I. Start, 1.30 cfe Apral 1 to Uctober 31.
		P. P. CRMM		example of the control of	100	160 Adjun.	75 effs 1V. L	2.1	invity; meet and amand the with the train of manth titels.	r rer where Jacob Janese, Forts a of anount diverse applemented JANAGA-100-1 for use reported thereunder, 1.70 of a April 1 to October 11.
, 1		* ·		32 acres by flooding*	e _G /y···	40 Ad. us.	1,50 cfs DAV, 10	, 8818	mayiby; rock and prayed fun with a,6 mile of earth ditch,	Furner swarr: Jerob wangie, kmount styrete supplemented by UNAIGH-1141, 0.50 ofs April 1 to October 31,
4 4 4 4 7	• 3 • 6 • 6 • 7 • 7 • 7 • 7	Cr k	• 12 Exp. 1	e servicing to assistance	203	Adjus.	J. 25 cfs .v. 15 ^f	5 147.	univity; more and provel for with 1.5 miles of earth ditich.	Purmer agent level bines, Fortion of account diversel applacement day/lwellal for use reported there-under, 0.25 efs April 1 to October 31.
(5 7)	E	#4:42 > * *	e de fee	43 acres by flooding	1,05m	405" Adius.	3,29 efs 0,1v. 4	1315	rearty; earth and note dum with L. miles of earth fitch.	Purper warras Horace Weed, Weed Latate, dats centre 1,15 cfs April to October 11.
Alexander of the contraction of	Sparter 1 of the sparter of the spar	אייים פיחים כל אייים מימים להיים מימים להיים מימים להיים	Irrig.	(e)	None.	Adjud.	U. to cfs U.V3.	3f Atout, 1860	univity, small property in with 22-inch oil of marth disch and 22-inch ille.	Furner umperst Johns, tegster out, desembed out/1 6-941 until 1959.

[•] See Fringly information and Appendix D.

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Aster Diversions"

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Oiversion				Woter use in 1958		Appo	Apporent water right	right	Indicated		
Locotion and Plote 2 sheet number	Diversion name ond/or owner	Source	Purpase	Extent and method of use	Amount diverted in ocre-fest	Type	Amount	Reference	appro- priation or first use	Description of diversion system	Remarke
				LOWER	SCOTT	/ALLEY SI 	LOWER SCOTT VALLEY SUBUNIT (Confinued)	Continued)			
M 1 1 4 11 (Short ")	Ref. ac. with	12.1 UPPERK	1 m . E.	139 acres by Dectang	1,600ª	Ad, ud.	1 .o. cfa blv. 11	biv. 11	189	Arosty; on dam 1.5 feet high, 5.2 feet ong with 1.8 mires of earth ditch.	porture natural (arc, contilek, Porturn of amount diverted a fracticed an additional HT accepted an additional HT accepted an additional architecture, an additional, at architecture, continues the following of about a factor of the continues the collowing of about a collow and additional accepted an accepted an accepted an accepted an additional an additional accepted an accepted accepted an accepted accepted an accepted accepted an accepted a
(Short)	Authornous source Country Sections	Itela . Croops	Irri.	st acres by flooding (s.) Hed	76	defacton.	1	1	-	unavity; curth oil now dam with at miles of earth litter.	Former conterts. Perry Woods, Hans Wright. In 1955 the inversion point was moved to 15s present location. Fortun of amount (Vertod Intrigated 131 acree fortun of the Intrigated 131 acree
(Shert)	and brandhing	Indian Greek	L.	34 acres by flooding	7778	uprantn,	1	1	Mercut. 17400	arivity; warth and mace turn with a finite of earth ditten.	Johnson Harrist Charact the top Derman
(25,000 to)	141.474	Int.ac Cress	To the state of th	Authority by Flooding	-	dian'i an	;	1	At ut	Anathy cath an more dampath calls and the calls and the calls of earth	Amount who rost is a man, Short, stary and large again.
138 18 14)	La Carte Car	Zhir an Oreek	. 9;11g	(a)	Hone		;	1		July 1 - John Littor With a start 5-1000 Littor	EPOY OF THE TRUE TOUR 24 OFF COLUMN STATES
and the contract of	o. n. Liftwi.,	dan to	for the second	Doortes to Flooding	5: 1	Thirtie	1	1	55	thing to the entropy with the	Popular amount 2 or since the interested promotived or in a contrast final county (Mexitting).
and the control of th	· · · · · · · · · · · · · · · · · · ·	ļ		3	is a second	ė.		K LLSIL	;	And the second of the second o	in the property of the contract of the second of the contract
. ' - 41' . Menty Let 1 1970	÷ ;	the souther of		and springler	*-	the term	:	1	# · · ·	Provided in ports of the control of	of the complete of the complet
		i i	1. 1.	Factor 13, 81 of a c		-	1	1	E .	and the second of the second o	
4-4-5					12,	7			14 M		

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• Per additional information see Appendix D, "let ill be descriptions of Certain Surface Acts Diversions"
- Information not available
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DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT TABLE 5 (Continued)

Diversion				Water use in 1958		Αρρι	Apparent water right	right	Indicated dote of		
Locotion and Plate 2	Diversion name and/or owner	Source	Purpose	Extent and method of use	Amaunt diverted in ocre-feet	Type	Amount	Reference	appro- priation or first use	Description of diversion system	Regurks
				LOWER	SCOTT	VALLEY SI	LOWER SCOTT VALLEY SUBUNIT (Continued)	Continued)			
1. Jessey (2)	L.	ratters in Creek		is agree by flooding	133	unturdity	!	1	1870	amouty; smort corbositch the appropriate of the community with a perpetation of the community of the communi	Figure and the section and the line is a section of the land the section of the s
dand date I (* Jesus)	State of the state of	Hatterson Creek		Andres by flooding	ELK	itiparian	1	1	Pror 1875	aravings earth unitrick dam with .4 mile of earth ditch.	normal agents as take, narrows, over per, Marry 6, 10 ter, or take of parrows, which is a parrows of presented supply from and the take of the mark 10%.
(Sheet)	50 5	ASCUTS IN GROOK	Irrig.•	(*)	Kone	Miparian	1	1	1955	Pume; gasoline encline with a short beinch jipe.	Fortitie pure location on the millioner action action actions on the reson themes, adoptemented and [7] and [2] and [3] and [3
(Shert)	(State)	Shitzam Creek	· Alaar	87 acres by flooding	193	Mijarlan	1	1	Prior 1458	uravity; concerts for with male of earth fatch.	For it owners from Lathrop, wherebig- chapter to succession 20% or and diverted supplemented by LEA/10m-55P2.
(Store a)	warren lyt.e Travis Saith	ocit mww	Irrip	62 acres by floading	10	wiparian	!	;	1958	Nump; 5-hp motor with 0.2 mise of warth ditth.	
(Sheet a)	Casey rearson	Junty 22000	1 T T T T T	3	477	Kiparlan	;	1	1954	Pump; tractor powered with a short pipeline.	Ownership changed to Tucker in 1950. Amount diverted irripated an additional 122 acres jointly with Liv/200-34X1.
(5) No. 2752	ursirol fasro	Institution to deott	Irrie. Domestic	13 acres ty flooding (a)	78	Kiparian	1	1	1957	Gravity; J.7 male of earth datch.	Americally channed to Ticker in 1919.
LANY CHANGE	dares bostion	Total Street	Irrig.	(a)	None	up tracting	ì	;	About 1952	Tump; II-hp envine with a short 3-inch pire.	irreviously irricated 2, acres.
Connect to	bd Burton Casey 'minson	OFFRE IN TROOP	1 F F 1 F .	of Geres by flooting	350	ki par Lan	:	8 6	rior 1758	aravity; earth ditch i miles tong	For or maners from Lathrop, the mast channed to lather in 1970. About diverted tribated an additional 142 agree (bintly with 441/1.4-771).
(4) Jan (58)	COALT D Treduction	Jhacarriori Greek	Irrig	ĉ	None	Ad_ud.	# © C	1.30 cis Div. 2)	About 1.70	unavity; ruth and room lamenth of the fracth ditch.	Corner compress Arman, Stephins further, revisionally introduced and enters collection and the west of 1.20 effects and any for a strength of 1.20 effects and twenty of 1.20 effects and twenty of 1.20 effects and editored by this diversion of 44%/10=550. from April 1 to Corner 3.
1411/22-4-35C1 (3heet 4)	urrell furton	Shack Left and Greek	Irrig.	4. acres by flooding	. 29	Adjud.	(*) V.20 of 3	Div. 22	At out 1879	Stavity; concrete dem with Ois mile of earth ditch.	A.1 or part of Lat. or any no diverse where the part of Lat. or any no diverted by this diversion or will late the late of the part of the late of the

• See remarks
• For editional information see 'ppendix D
• Partial Descriptions of Certain Surface
• Aster Distraction.

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Diversion				Water use in 1958		App	Apparent water right	right	Indicated		
Lacation and Plate 2 sheet number	Oiversion name and/or awner	Source	Purpose	Extent and method of use	Amaunt diverted in ocre-feat	Туре	Amount	Reference	appro- priation or first use	Description of diversion system	Remorke
					LIOUS	>3	MINITER STATE VALUE (Continue)	(100)			
3					-	, —		-			
Ohnet 4)	Control in characters	Shack Inford Creek	TS specify the treat	Li acrea by flooding	4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4	Adjust.	2.40 cfg biv. 21	biv. 21 f	1877	Jravity; rath and rock dam with 0,0 mile of earth ditch.	Former Departs D. L. miller. J. Atvatier, Pertyon of amount diversed terpyaced an additional 242 acres contrap with LaMAJ Me-1581 and 448 1 to 3581 until 1957, 2.4.0 ofs April L. Actore M Ogs November I to barch I.
(* 2.44 ·)	First in design	Shark Left and Openik	t. E. E. 	. A acres by Choling	٠, ٢, و ٠	Ad,'ud.	8,55 cfs Div. 19	Div. 19	, 869	with 4.6 miles of earth ditch.	Admir waters tharming in thers, darbail that the former are twistier, out to contain fortion of amount livered irrivated an additional darbail activaters (outs) and the former are consistent outs) and former darbail and the forme
(a) most my		Note that the the	*	57 serve by fil ling		Asjud.	go valo see your	Div. Jo	1875	or vity; warth and rock tam with) miles of earth ditch.	Former owners: Hammond Brothers, Crayford, Levie, Stephan Burton. Ownorship changed from Cases Pastran to Tucker in 1959. Portion of amount directed supplemented LLM/LW4-26N1 for use reported thereunder. 5-80 cfe April 1 to Owtober 31, 0.25 cfe November 1 to March 31.
					McA.	McADAM CREEK	EK SUBUNIT	FIN			
of the file	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	Audio 33 Aug	S. S. Prid	4 - Avres by Caratan	g 716 a 1	1,719 Approp.)	1,000 MI	4	The state of the s	mile of earth ditth.	"Paper markers: a, U. authews, f. — avtison. over introduct is content on the auturit. Portion of amount diverted to supplemented is V94-312 (Lower Scott Valley subunit) for use reported thereunder.
:	-	- i a · .	- - -		of m 43.	ti v.Ftan	;	1	3 .	shively minth the main	
		2	£ .		÷	นั้ง อะเราสด	}	;	1 2	read his pount with the number of the contract	Company of the compan
		÷ .	En Co	and the state of		*1	1	1	23	Andreas in the same of a second	and the second of the second o
		: :	1 1		<i>j</i>	W. 171.40	}	-	for the second	As do the starting for the actions of the starting of the star	The state of the s

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TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Woter use in 1958		Appor	Apparent water right	ight	indicoted date of		
Locotion and Plate 2 sheet number	Diversion name and/or cener	Saurce	Purpase	Extent and method of use	Amount diverted in acre-feet	Type	Amaunt	Reference	appra- priotion ar first use	Description of diversion system	Remores
				Mcb.	McADAM CREEK		SUBUNIT (Continued)	inued)			
		- ME - ME - ME - ME - ME - ME - ME - ME	*,/*,2.3.*	anto It & some &	567	estar an	}	1	,'T10# 1753	Shavit; or the ded how and with with distri-	Frue France with Names, at Front or after a control or after a control or or or front or and the control or
:	÷		#	s, works by Its outhor	* ±	สมาสกาสก		1		may type of the of earth of the	mount dywrth louis ways, usperfied mount dywrth includes all wither thin with the little state of the section o
(, , , , , , , , , , , , , , , , , , ,		o i u triuliry t		(*)	(2)	เนาเลตานก	;	1	c'ertor 1990	envity; w. wile of ecth ditch.	First Where, Jour Wayts, Amount Stycrted and a brut fluse rejorded and about a brut fluse rejorded and a total
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Haidh as U		Search by II white		สากคราสก	1	1	(fr.)r	reavity; earth and reck da- with ".2 min frenth libeh.	Fundre ownered to use dayie, o uthern reciire ownered
ra institution	7 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	the Creek	Part of the second seco	and nerve by Flooding	304	4 partan	å i	1	Lynn Lynn	unavity; renth onl thic dan with 1.3 mile of earth litt.	From America Abite, serion, Garada, Sanatus, Yann, Ownership changed to H. a, and Paula Klauser in 1959.
Through this	4.3 5. 3.	1612 CP: 62	5. 5.	arresty formed and the second of the second	7.57	(1) arlan	1	1	rrior 1930	smaying Parth and thok dom with 3.7 mask of earth datch.	Figure Mines: arithm, ownershy, than a character of the c
1 (2 · · · ·)	. : : : : : : : : : : : : : : : : : : :	.cidan Unrek	Irr	ing adres by Exceding	के	*louddw	I: 21	1	About 133	urivity; centh and rock dam with 1.0 mily: of canth ditch.	Former owner: u. freeman.
					MOFFE'	TT CREEK	MOFFETT CREEK SUBUNIT				
(5)	Bonce of London	Slatt charge	in the	26 derws ny Floodin'	159	หระการสก	1	1	Armit	branty; sand har dem with mile of camin ditch.	Fruer cemers: Sou walker, bred, ins. Harry and beward 3, Cramer.
	ť	N 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		an arress by E. Max	ž.	urjerian	;	!	1,500	anavaty; ".p" dan math male of Perth daten.	First Whers: allum, dilly walker, willen diller.
10 1 10 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Total of Test	1937 J. M. 22	Irri.	Surfer to Theiding Ender mil	2%	diparian	†	1	44 th	unavity; sumi har dam with J mile of Marth dilek.	For or server; Edward . Gramer.
Simon S	primary and the	ALLEY OF CH		s acres by flooding	ē-	ujarlan	1	†	Abriut. + PoU	FRINITY; Sand bug dam with J. ! mair of earth ditch.	hurrer owness wonye wat., Jans Husksey, bisard s., fred, Irs, and Harry Gramer.
4,5% Ta-,50% (Short 3)	Course 1. Crosses 1. 1. 1. Crosses 1. Crosse	Walter Corner		L) acres by flooting	iĝ.	Alparian	1	1	About 1937	wravity; sand bay lam with '.3 mile of carth ditch.	runer owner: Maard is Cramer.

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TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Water use in 1958		App	Apparent water right	right	Indicated date of		
Location and Plate 2 sheet number	Uversian name and/or awner	Source	Purpose	Extentiond method of use	Amount diverted in ocre-feet	Type	Amount	Reference	oppra- priation or first use	Description of diversion system	Яетогка
				MOFF	MOFFETT CREEK SUBUNIT (Continued)	NUBUS >	IIT (Contin	(pen	_		
1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1	4)	111 C. Crook	to to	of acres by flooting	Tê.	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	†			months early day with tea bile of earth dista	Post interest that subber, as in reduce, erry services torns, when replaced or erry the additional Assertion for the key also.
					PARKS	PARKS CREEK	SUBUNIT				
			1110	(n)		· in the	*	-	÷ .	carege en dament o	Former owners bactern Company, Amount diversed supplemented LBK/Spi-vPl (West Subunit) for use reported thermader.
	£	4 *************************************		Man after the thirding	~	A L u L	<u>-</u>	(1)	٠.	or with a state of sight and section of earth distriction.	r more post programme as a conference of the con
	-	2.	E.	Andrea by flooding	.3	* 64, 1914	. 10 54.	7.50 A.	*	university contributions statements	From the operation of the second of the seco
1. N. 1	la.	3. 		of ormal by tho dan-	40 7 12	Arrest.	**************************************		7 7	and the actual of a set of the se	The property of the state.
• :	, H	:	. Tadi	(>)	и :	. T	£ :	6 · 4.	*	Maria Para Para Para Maria Mar	Former owners is D. tuke. Anount diverted supplemented LAS/5a-42. for one resounded thereinder.
		S .	.*	aces by Flooring.	# # .c.		A.,	ċ	7.	months in reported as with a contract of a reference of the contract of the co	The product of the pr
: 1 : 1			17.17	Walter Commence	thus Set a	**************************************	-:	:		Horaconta April 18 Per 19 19 Per 19 19 19 19 19 19 19 19 19 19 19 19 19	
	:		* * * * * * * * * * * * * * * * * * *		1	* : : : : : : : : : : : : : : : : : : :	F. 1.			Price from the constitution of the constitutio	
* .	4		L		-	And a Co	5. -	£.	*	of William Compression of the Co	·
- 1		3		21	15/1	kd a .	### 10 1.1	:	j.		•6

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TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Water use in 1958		App	Apparent woter right	right	Indicated date of		
Locotion and Plate 2 sheet number	Olversion name ond/or owner	Source	Purpose	Estent and method of use	Amount diverted in acre-feet	Туре	Amount	Reference	oppro- priotian or first use	Description of diversion system	Remorks
				a. T	ARKS CRE	EK SUBL	PARKS CREEK SUBUNIT (Continued)	(penu			
٠.	,s. .: 	A CAROL STAND	irrig."	(e)	None	Adjud.	4. 10 	1.15. 1995	∌	oravity; short earth direk.	A THE ARTER MOTHER ROLL OF
		an to the diversity	Irrig.*	(a .	done	Ad_ud.	. Sefsh	15.00 505 tt	=	Apavilge . Wile 'f worth	This Visuality Bugs tree fitted such the con-
-1 n-1 n-1 n-1 n-1 n-1 n-1 n-1 n-1 n-1 n	ALT 2, 1, 3, 7, 7, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10	Ary I's Corek	Irrig.	(0)	None	Adjud.	e. t cfs	Mar. Odr	1884	or Vity; short curth ditch.	P. P. P. P. SWITE CONTESTS DO 1996. FROM VAUNDA D. PROPERTY OF THE GOARD SWITE STATE.
e 1	10 May 20	Dry. Courk	# . 00 	(*)	- De	Adjud.	0.70 cfs	11.00° 2195	146	anwity; concrete and tubber dum 2 feet high, 45 feet long with it him of earth ditch.	runner agger Greetta Bellinn, ihr- Viousiy presivel supjiementid sajily irminikkenikki. Odminis su piy norminiy irrigila 7- deres jihtiy mith 429/56-1981.
2012 - A - 1 446	Ar 7, trison	APPS Creek	Irrif.	3 acres by flooding	118	Adjud.	. 25 cfs	Far. 304	1.881	Fravity; Fock dum with 2 mile of Parth ditch.	
2. 1. 1. 16. 16. 16. 16. 16. 16. 16. 16.	n w 1 1 10	dama cana	7115. 71.08.	91 acres by flooding	# 9°	Adjus.	2.75 cfg. 1.40 cfg. 5 cfg	Par. 1948 Par. 3038	14.61	drivity; rock dam with 1.1 miles of earth disch.	Area remission includes a sorres which normally were introduced (0.01) or with solid (0.01) or with solid (0.01) or solid only become any lements, suplice for \$20,50=8.
Sheet)	Aut 7. Set.	Zerst French	Irri.	7 weres ty flooding	128	Adjud.	J.25 ofsh	Par. 306	189.	Gravity; rock dum with J.l mile of warth ditch.	ares irrijated previously received supply from \$28/5a_1581.
	the tradeq to Address	Au Per Slouith	Irrig. Stork.	139 acres by flooding 13) head	375	Ad_lud•	2.00 cfs	Par. 119 ^K	1885	orivity; sum; with 1.4 miles of earth ditch.	Former servers of them is Kirnan, rluming County Sank, dor usading.
	1	***************************************	Integral	LO acree by flooding*	176	Adjud.	8	tar, 222 ⁸	F251	privity; mick dam with 3.1 miles of earth liter.	first assistant opplemented by A2N/54-2901.
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		0 C1+5 K	Irr.r. Stock.	4.) acres by flooding	674	Adjud.	1.70 of 9	Par. 219' Par. 2208 Par. 2218	1872	Provity timber and inclose 2 Feet high, A) Feet long with 0.0 mile of earth ditch.	Furner swires
(Sheet .)	Bordd A. uni Manie I. Gen	right Greek	the State St	42 acres by flooding	973	Adjud.	.70 cfe	Par, 438	1872	aravity; 1.3 miles of earth dich.	Furner where is Vienes, cease 4, and Henrytta email Portion of amount diverted empiremented L21/y=2041 for use reported thereunder.
24 16 18 18 18 18 18 18 18 18 18 18 18 18 18		SETTE COPPER	**) (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1 (1	13 acres by Flooding	Not meas.	Arijud.	5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	Par. 1978	1858	ditch.	Former ceners: Mary A. Wholey, Elizabeth E. Wholey, Martha D. Lewis, Elas, T. Moley, Ownership changed to william E. Cort, Jr. and Sons in 1950. Area irrigated previously received eupplemental supply from %2N/5*-32E2.

TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Woter use in 1958		App	Apparent water right	ight.	Indicated		
Locotion and Plate 2 sheet number	Diversion nams and/or awast	Source	Purposs	Extent and method of use	Amount diverted in acre-feet	Type	Amount	Reference	appro - priation or first use	Description of diversion system	Remarks
				Q.	ARKS CRE	EK SUBU	PARKS CREEK SUBUNIT (Continued)	(penu			
1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	י באיז הייני למנונה.	Sprin Greek	1771	12) acres by floating lot meas, Adjud.	Not mras.	hd_jud•), 70 cfs ^h far, 348 th	** Ethe 3143 85	1858	Gruvity; earth dam & feet hiph, 150 feet long with 0.7 mile of warth ditch.	Former owners: Mary A, wholey, -dna L. wholey, -dna L. Andrew L. March B. Wholey, buttha U. Levia. Userstip changed to William E. Gort, Jr. and Sons in 1797. Area frengate frevenously received with mental supply from #40/50+5222.
\$2.00 A	to a company of the c	Market Balance	17515	(*)	3,250	Approf.	10,330 af	Appl. 3555 Appl. 16597	93561	navity; concrete dam 7 teet nigh, at feet congrath '8 night of earth disch termi- nating at challe niver above wannell westroof.	Amount diverto dauglares missi alla "she sisti (baunell asservir Sutant) for use reported thereunder.
	*	Cpupp	*	(a)	N-De	A3_tura.	6.) cfs. Par. 113 ^K	Par. 113 ^R	. 35%	arenty, a.c make of earth	b. A, where: I man or Courte, A. E. and b. A, where any construction of the state o
		JTKS UTFFR	·	2)3 arres by flooding	767	Adjud.	(8)	(%)	1891	orwatty; rock dam with '.7 mik of rarth ditch.	torner compress. Irms 5, 1979, A. B. and E. o. done, o. L. Daker, experiently dended to outlien L. o.P. dr. and Johns in 1979, for water februis are 4.2% (A).101.
	# 1	Au donay south	Lryld.	(•)	e Congression	Aglud	*)	(&)	185.	invariy;' mile s. earth dich.	L. A. Money, A. D. A. M. M. P. B.
	Y .	A constant of the constant of	1rr16.*	• •	6- E	E. T. T.	a)	<u> </u>	- A	atter terminating at order of earth inter terminating at order? Creek. The water bylands or to this point is a reducerted a mile downsterm at which feeder, and will her.	For the interest of the case of the rest of the case o
		5	.* 		#	distan o	4	1	#	result respective numbers of a first of the second	. mar where
: 1 :				233 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	-	. 11.	2.78	<u>(</u>	i i	or out, in the area.	normal and the second of the s

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+ C C C C C C C C C C C C C C C C C C C				Woter use in 1958		Αρρ	Apparent water right	right	Indicated date of		
ocation and Pare 2 shee number	C version name and/or owner	Saurce	Purpose	Extent and method of use	Amount diverted in acre-feet	Турв	Amount	Reference	oppra- priation ar first use	Oescription of diversion system	Remorks
				74	PARKS CREEK	EK SUBU	SUBUNIT (Confinued)	(panul			
11, 191, 1	LANGA NA ANTEN	Parks Creek	Irrag. Stock.	313 acres by flooding	Not meas. Adjud.	Adjud.	2.98 cfs Par. 343 ^g	Par. 343 ^g	1902	Sravity, 0.2 mile of earth ditch.	Former owners: M. A. Silva, Harry Solaco.
1 - 0 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	F135 (7) P331CE	Spring "rat dary to Fark: Greek	I rrii f	259 acres by flooding® Not meas.	Not meas.	Adjud.	1.15 cfs	ofs Par. 99K	1870	Sravity; 3.0 miles of natural channel.	Former owner: w. D. Duke. Area irri- gated received supplemental supply from u31/5m-32A1.
Steet	FET OF MAKET	Farks reek	Imit.	(8)	Mot meas.	Adjud.	0.30 cfs ^h Par. 97 ^F	Par. 97F	1475	Gravity; rock dam with 1.0 mile of earth ditch.	Former owner: «. D. Duke. Amount diverted supplemented Li3N/5#-2881.
31, (54, 33M)	inteson danch	Parks Creek	lerig.	52 acres by flooding	Not meas. Adjud.		0.05 cfs Par. 96	Par. 96	1876	Gravity; earth dam with 0.2 mile of earth ditch.	Former owner: * D. Duke.
					SHACKLEFORD		CREEK SUBUNIT	FIN			
_27011%_0381	Cliff Lakes '. A. Folendorf	Stackleford Croek	4 ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° ° °	(*)	Not meas. Adjud.	Adjud.	150 af	Fage 15	1883	Gravity; earth and rock rubble dam 6 feet high, 20 feet long, water released down creek for rediversion at 12N/liw-31E7.	Former cwner: Abbie C. Albee. Natural lake enlarged by dam. Supplements Li3WlOd-9Ki (Lower Scott Valley Subunit) for use reported thereunder.
1276-211 M27	Tampbell Laker R. A. Folendorf	Rackleford Creek	Imp.	(#)	Not meas. Adjud.	Adjud.	350 af	Page 15	1883	Gravity; earth and rock dam 18 feet high, 90 feet long. Water released down creek for rediversion at	Homarks for 42N/114-33R1 apply.
					nos	TH FORK	SOUTH FORK SUBUNIT			43%/JOW-9K1 (Lower Scott Valley Subunit).	
399794-351 (Seet 17,	French Pining. Conj any	Jackson Creek	111		Not meas.	Riparan	1	1	Prior 1900	Gravity; earth and rock dam with earth ditch terminating at Wildest Greek. The water spilled at this point a redaverted downstream at low/94-23%.	Anount diverted supplemented LOW/9n=23hl.
इ.च्या क्लार १४८५ १ चेर १५०० च	Alfonso J. Replateraler	Miners Creek	Irry	62 acres by Nochng*	263#	Adjud.	1.05 of BM Div. 29	Div. 29	Prior 1955	Gravity; 2.7 miles of earth ditch.	Former owner: Aelch. Anount diverted supplemented by LOA/94-7Hi. If water right amount is not a wathable in Miners Greek, it may be diverted from Duck Lake Greek by LOA/94-7HI.
10%/7%-501 15heet 1/)	J. D. and Suth A. Proetor	Couth Horse Hange Creek	Irrip.e	(•)	None	Adjud.	0.13 cfs	Div. 7	Prior 1955	uravity, 0.3 mile of earth ditch.	Previously irrigated 6 acres by flooding.
108/94-581 (Sheet 16)	H. Jorgen and Slinore Sanielson	French Creek	Irrig. Stock.	Sacres by flooding*	1,027*	Adjud.	2.0A cfs	Dav. 3 ^d	Prior 1955	Gravity; rock dam with 2.8 miles of earth ditch.	Portion of amount diverted supplemented LLN/94-33R1 for use reported thereunder.

[•] Cee remarks.
• For additional information see Appendix D
 "Invalid Descriptions of Certain Surface
 "Invalid Descriptions of Certain Surface
 "Information not available.
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Oversian				Water use in 1958		Αρρ	Apparent water right	right	Indicated		
ond Plote 2 sheef number	ond/or	Source	Purpose	Extent and method of use	Amount diverted in acre-feet	Type	Amount	Reference	appro- priation or first use	Description of diversion system	Regarks
					1	7903	TINIDERS AGOS FITTION				
NOBAN				-		- AND -	ania i co	- Appropria			
(Sheet 16)	Alfonso J. Fuglistalor	Duck Lake Creck	Irra E.	٤	•	Adjud.	2.50 cfs	Div. 2	About 1858	Gravity; 0.8 mile of earth ditch to French Greek. The creek channel is used as Tocaduit to a rediversion point U.) mile downstream thoch inks the system to Miners Greek where fine! Miner Greek where fine! downstream at LON/5%-14.1.	Former owner: Aclch. Amount diverted aupplemented LUNNSA-LLJ. for use reported therwelder. Reported water right amount can be diverted in lieu of diversion by LONSA-LLJ when there is no water available in kures Greek. The amount of water delivered to the Alfonso J. Fuglistaler ranch shall int exceed 1.00 cfs.
103/94-15K1	Andrew L. Dartee	Sugar Greek	Irry.	80 acres by flooding*	Not meas. Adjud.	Adjud.	76 MI 19 MI 605 MI	Par. 3P Par. 3P Par. 6	1873	Gravity; rock dam with 3.L. miles of earth ditch.	Former cyners: Kobert Sullivan, Annie H. Darbee.
Lun/94-21Al (Sheet 16)	J. B. Sullivan	Sugar Greek	Irrig.	35 acres by flooding	Not meas.	Adjud.	100 M	Par. op	1873	Gravity; earth and rock dam with U.V miles of earth ditch.	former owner: Jam Parker.
uch/vm-2301 (Sheet 16)	Allen Moore	Wildcat Creek	Irrig. Stock.	97 acres by flooding 150 head	361 ⁿ	Riperian	1	1	Prior 1958	Gravity; log dam 3 feet high, 15 feet long with 3.4 miles of earth ditch.	
LCN/SM-23N1 (Sheet 16)	J. B. Sullivan	Wildcat Creek	Irrig.	126 acres by flooding	1,427°	Riparlan	ţ	1	Prior 1900	Gravity; earth and log dam 4 feet high, 15 feet long with 1.7 miles of earth ditch.	Former owner: Jim Parker.
LON/94-2LR1 (Sheet 16)	Dick Heyden	Scott fiver	Irrig. Stock. (*)	38 acree by flooding 125 head (*)	1,142	Riparian	1	;	About 1901	Gravity; rock and log dam with 1.9 miles of earth ditch.	Former owners: wade, R. Hayden. Previously supplied a placer mine.
LON/94-25J1 (Sheet 16)	L. B. Berganyder	Boulder Creek	Irrig. Stock.	48 acres by flooding 75 head	682	Riparian	!	;	About 1850	Gravity; log and corrugated from dam i feet high, 50 feet long with 2 miles of earth ditch.	Former cyners: Parker, Messner, Mitchell, Ferguson.
LIN/94-32A1 (Sheet 13)	Herry M. and Martha B. Bemrod Walter L. and Sarbara B. Syers	French Greek	lirig.	68 acres by flooding* Not meas. Adjud.	Not meas.		1.92 cfs" Div. 11 ^d	Div. 11 ^d	Prior 1955	Oravity; rock dam with 2.5 miles of earth ditch.	1.92 cfs allotted to Penrod. O.bl cfs allotted to Byers.
LDV/74-3251 (Sheet 13)	J. D. and Ruth 4. Froctor	Paymes lake Creek	Irrig. Stock. Domestic Power	th acres by flooding and sprinkler (a)	1,356 ⁿ	Adjud.	1.70 cfs	Div. 10 ^d	Prior 1955	Gravity; low and gravel dam 2 feet high, 50 feet long with 1.1 miles of earth ditch.	
(Sheet 13.	H. Jorgen and Elinore Sandelson	Miners Creek	irrig.	80 acres by floodinge	35.	Activa.	0.17 cfs	Div. 30 ^d	Prior 1955	bravity; rock dam with 0.5 mile of earth ditch.	Amount diverted supplemented by LOM's #-5Kl.
					1						

* For additional information see Appendix; "Letailed Descriptions of Cortain Larface and Editoriation not available." Information not available, For lettered foctorios, see last page of table.

TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Water use in 1958		Apo	Apparent water right	right	Indicated fore of		
Location and plate 2 shee" number	Diversion nome and/or or nome	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Туре	Amount	Reference	oppro- priotion or first use	Description of diversion system	Remorks
					SOUTH	FORK S	SOUTH FORK SUBUNIT (Continued)	(ontinued)			
		om.th Labre	Irrig.	(a)	None	Ad. wa•	80 af	Dav. 15	\$ 1.00 p. 1.00	John, rest sint water to a tributing free sint water to a tributing free sint water to a tributing free sint seed to the recover to a tributing free to all year. It is contained to the seed of the sint seed to the seed of	Provincially and installed to the control of the co
					STEWART	SPRINGS -	S SUBUNIT	F			
	the style and and	איייהט פארבי	Irrig.	. 40 acres by flooding	857	458 Adjud.	, yoursh	4 Car. 74	69e1	anavity; bok dam with 3.0 mite of earth itteh.	The state of the s
N. T. S.	no pres na noutra Lateria Andrebial	TRU CTPPPK	Irrik.	29 acres by Flooding 50 head	39.	39. Artjud.	.75 cfs.	Par. 528	1891	Gravity: Prok Nam with 5.9 mile of earth diton.	For the complete and the contract of the contr
					*	WEED SUB	SUBUNIT				
A Table Comment	Intermettinat Kaper Penugaan Greek Sertang		Irrac. Stock.	82 acres by flooding 75 head	214	214 Ag ud.	33	Far. 2308 Par. 2318	Ab ut. Linku	wravity; Parth and rock dum With L.D mile of Parth ditch.	Fully offers condimite outsite.
Charles of the following of the followin	Applon.	S,ross tributory Munic. to reauthan Greek Domestic	Munic. Domestic	(° (° a)	Not meas. Adjud.	Adjua.	(A) (A) (A) (A) (A) (A)	.dr. 230° rar. 231° rar. 232°	About	Jenuity; two concrete to m. with 4.3 miles of 10-roch	Figure particles and the control of the four control of the contro
	127	and and one of the same	Inti.	i servs ty filodina 6 commett ns	8	Adjud.	* C. C. S.	5.1. 12.	7.0	Sravity; Wood fradworks with ki fett i K-roth ise t a badal reservit,	rand beauty; well to
1-b 1-4-4	20 to 10 to	Arian Undan Seet in	Ledust.	TTT the special	W.	Adjua.	(4)	. 4.T. 23.	Ž.	month promoters but of bed to the first of the construction of the	Communication of the communica
							-				

Diversion				Water use in 1958		App	Apporent water right	right	Indicated		
Location ond Plots 2 sheet number	Diversion name and/or owner	Source	Purpose	Extent and method of use	Amount diverted in acre-feet	Type	Amount	Reference	oppro-	Description of diversion system	Remorks
					WEED		SUBUNIT (Confinued)	(pe			
								-			
Cr. vario	international nor Beauthin Greek	Breau hin Creek	Stock.	I'v acres by fluoding	D	Adjud.	(2)	Par. 230	1900 1900	Jravity; Fock and earth dam With U.8 mile of earth ditch.	Corner Johnson St. word Lumber Company, Jones Delt Lumber Company, Area 1711- gated received supplemental supply from 418 for 418 and 1818 for 418 for 182 for
	Table	المعطية المتعادة	1772 . 35 . G.	(3)		.y.* Adjud.	(3)	dar. 230	About 1950	Provity; rock and earth dam with 0.5 mile of earth ditch.	Public whers: werd number Company, Long sell Lumber Company, whount diverted supplemented 41%/5mm.Hi.
A. Marie	· · · · · · · · · · · · · · · · · · ·	Manager Sario	.Ff1	4. Acres by 11 uding	69	Adjust.	. 30 clsh	30 cish Par, 32gd 3.20 cish rar, 578	1485	provity; timber dam with mile of earth ditch and 300 feet of 13-inch iife.	rormer where Henry A. Benance.
January	Si tra	TIFF CERT	٠,٥٠٥	авипсь ўтоныхон ДК	137	(q)	1	1	2352	1λμης 2 1-ης τιστοπ ωιθή α short 4-επού γλιφο.	
	Shirthir mother compare Auril helm	Operations Creek	'ur16.	(e)	N.t meds.	(a)	-	1	10 17 1	Author who and "Fine or ma with O. Chinke of 3-inch tipe to 2 storoge tanks.	have a portion of the City of word.
A	hip is on industry they ordered	Tilling Christ	5. 5. 5.	3 acres by Hooding	Mot meas. Adjust.		U.25 cfs ^h	ar, 69 [§]	1491	unavity; mile of earth	នក្រភព ភពខាន ស្រាណា នេះ សំណៀសព្ន.
	41 T 44.	Managers to entity	Irran.	acres by Phoding	m	Adjud.	,10 cfs	Par. 332	70.6.1	Jravity; Parth dam with 1.1. mile of earth fitch.	former conters Joure Scalise.
Christ.	ingelinensmin ing all the Authority of the control	JE sta quer		. W head	¥12	Ad jud.	ج. و و و و و و و و و و و و و و و و و و و	BLE TAPE	À.	devoty chopete kan with	arrie du koshafer.
•	ľ	6 × 7 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1 × 1	D FOLLO B FOLLO BL OF.	and the state of t	Ş	niparıen	1	1	1916	AF VILLS, S. M., M. O. F. Marth Albert and S. Miller of 2- orth naims.	· mur unres o, death, t. 5. Sammand.
र स		A STATE OF STATE	* †	(4)	10	.t.arian	i e	1	#10# 1+2	envily north the winds	Fire principal of Parage C. 5, Farmonic, count Liberthell Surfamented at New York C. 2. Note of P. 2. Note of P. 2.
	_s e	17) 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	, 4 d E ₁ E ₂ E ₂	The topped by the state	204	Niperian	!	i	A	univity; family the metrical states and states are states and states and states and states and states are states and states and states and states are states and stat	THE PROPERTY OF STATE OF THE ST
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TABLE 5(Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

D version				Wofer use in 1958		Appa	Apparent water right	jh!	indicated date of		
Location and Pare 2 stee number	0,4ers.on nome and/or osner	Source	Purpose	Extent and method	Amount diverted in ocre-feet	Type	Amount Re	Reference	oppro- priotion or first use	Description of diversion system	Remorks
					WEED S	UBUNIT	SUBUNIT (Continued)				
	·	£.		A 2 2 4 1 1 1 1	č 	i a	e e	7 to)	T.	* *	Previously irrigated an additional 201 acres. Amount diverted supplemented by ila/si-501 (area Siree July (area Siree July) applemented (2)/e-211, Gembine supply supplemented (2)/e-211, July (and ila) in rehata Sucurit) and ila/Sir-1772 (weed Submit)**
<u>.</u>	- -	1	, p , d , t, , t= ,->	Trace of No.	- X - Z	Adjud.		مار د م	9. 01	davity; .b mil. : marth ditch.	control where the booking, menus processed by the control processed by processed to shape a figure of the control of the contr
1		4 14		. The country of the	< 1,	Ad 'ud.	£ 10	f.	*//ē1	uravity, roth int baker lam with the male of marth asteh.	r ran where beard sized of their and appeals and the seconds.
	7,77,	4	. T. T.		Perf III	(2)	* 1	1	*	אועלו איז בייער יני איז איז איז איז איז איז איז איז איז אי	Function of the District Charles of the control of the Cary of months
* .	4		100 mm m	· · ·	4 (3.	•घग विष	S S	1120. 177	ī	umuvity; Humbh ing mumh dum Wibh (4) mile of Hombh dicoh.	F First marks reoptedand size, Vianternation of the later than 418/54-1184.
	-			t trooting	2.46	adjus.	. 15 cm	. ar. 176'	47/	imavity; which and mick farm with D.o make of earth daten.	Portron emert serpeadha du tran. Portro en Sermon alverte i auptemented Lil/5x-12D1 for use reported thereunder.
. :	i i	1 L 1 L 1 L 1 L 1 L 1 L 1 L 1 L 1 L 1 L	# # # # # # # # # # # # # # # # # # #	15 acres by floodin⊁*	* • • • • • • • • • • • • • • • • • • •	*anint*	teto (j.	7. 378°		pravity: with mid rok dur With a short marth direct.	is not supplemented by LLM-1202.
11		*****		hands of great the	, ,	Ad to the	and the state of t	i Le	47 7	or Vily, carboning to community of the community of the following the carbon natural opening the carbon natural na	Fuffich and F1 come published
		15th	4 * * * * * * * * *	Littles 1111	Not in Adjud.		h. A. offs Pt.	Math. will	# HD B	wasty; constitution with 2.2 miles of earth distri-	Porter Destrict Ared Lumber Company, Lony Fell Lumber Company,
· · · · · · · · · · · · · · · · · · ·	987 - 148 - 174 -	:	· 2	3	M.t. rogs. Adjud.		F65	. st. 375.	Files 1	aravity; concrete ray with	Europ service a, h. martin, i.d. martin, i.d. m. Kelloy, Frank a, Kelloy, Rank a, Kelloy, Rank a, Kelloy, Junger, J. Wartin, J. Wartin, J. Martin, J. Mart
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	Diversion name	Source			Amount						
			Purpose	Extentiond method of use	diverted in	Туре	Amount	Reference	oppro- priotion or first use	Description of diversion system	Remorks
				-	WEED SI) LINDBO	SUBUNIT (Continued)				
	Ī						1				
	5	South Fifth rolling	• . 29 H. J.	(7)		Adjuit	en e	16 - 17 - 17 - 17 - 17 - 17 - 17 - 17 -	***	in outs, control insolate in the way through them is and of the time insolation that decreases in a control of the control	comment contracts of case hereing contracted in the street and the
	\$44 - 48 T-	Andre erange	:141	of remaining the stance		mini.	For	7. W	-T	Arantegra off and cock damage with a south of restin	i nomo salemia. Boltais digos, se debolino
_	1 25 45 1	halig Greek	Irrig.	3	-	ful pad.	The state of the s	£	, mur. 1874	strovity; earth dan with the national strain.	Funce one has be been as to be a second to the country of the coun
(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	West Mention	distribution of the Gr	*X**	Harmory And Govern	*******	esta. fet, tad.	1,35 ofst 1, 1,35 ofst 1,		14/41	aranty; earth and rote ton with we make if earth fatch,	Cornors America Coversions, do co. Detectors
() there and the stander	Ger*rude Trechriou	intly come	Irr.:	Tructus by theather	17.0	we and	4.55 ct 1	. or. 787	Ž.	stavity; is with the and after a second of the second	soft of the majorities of executions as well fight that includes the
(a) (a) (b) (b) (b) (c) (c) (c) (c) (c) (c) (c) (c) (c) (c	An the and countries	4 11, CT 1	Interior	Variation by the stans	1,760	id.jud.	9 10 10 10 10 10 10 10 10 10 10 10 10 10	Part, 193	-	amay by a controvity 2,2 uales at certs dathin	Communication of the construction of the const
Long to 5)	e de la companya de l	epty Crest	Dominitio Stocks	M3 (4)		A. J. P. + 5 .	ति उगाप के	Appla Cont.	, , , , , , , , , , , , , , , , , , ,	mayligg earth of conthatth of conthatth of conthatth of contractions and contractions.	
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TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Woter use in 1958		App	Apporent water right	right	indicated of		
Locotion and Plate 2 sheet number	Oiversion name ond/or awner	Source	Purpose	Extent and method	Amount diverted in ocre-feet	Туре	Amount	Reference	appro- priation or first use	Description of diversion system	Remorks
					WEED	SUBUN	SUBUNIT (Continued)	(pen			
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Limitation of the composition of	्राक्रक स्थाप्त का क्षेत्रक स्थाप्त	, O	17 acres by floodings	£,57 ° 7	Adjud.	tela of . Lela of st	Par. 301 ^K	1865	unavity; earth for made our e free halfs, to freet ma with are flearth able?	: First wirets of Uri Defrice, A mit streets supplemented by L2A/S+-2GD1 and -29Al.
Libert and	U.S		irri	to arms by flooding	236	Mth-rta	ı	1	1458	stavicy; earth is with .6	
120,000 ()	County C. cures in	Chrrick Grand	Stock.	57 acres by flowding 133 head	367	Adjud.	Lego 7.	Par. 178	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	Aranty; Court dam with court outch.	times according to the second control of the
(Signature (S. Cartherin	Sympton University by Inter- Jacks n Gravk Stoom	Jen Jen Demente	(s) brad (a)	*09	Ad lud.	J. 17 cfs J. 19 cfs	Par. 1728 Par. 1738	1857	dravity; carth dan mith of short marth ditte and a iminch jipm to a st form tack.	Figure Hopeth of the Change, in but, diversed the Community of the Community and the Community of the Commun
		Cirrick Gravk	Irrig.	70 deres by fleeding.	715	Mjud.	ejo og.	1. L	1876	orcylty; earth data with anies of earth ditch.	homographics of the economic objects of the distribution of the form of the first o
(220.5)	24. 1. 10.	account of the last	erg Sin Sin Sin Jones	of terror by flowings	7	Ad, u.t.	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	171 - 171 F	146.5	with 1.3 mile of earth circh.	Former same Fig. 10, 10, 10, tell water merch and proposed to the control of the
(Snort 2)	M. c. of build	Garnick Greek	4 4 4 4	(*)	6	(a)	1	;	<u>5</u> .	showing; olimine : earth differ.	om grin storett figt. Southest matte mode families on the familiary of the
10 mm 1 m	Cloudse u.	Sprint Tribulary 5		(*)	× =	ka, ud.		F. 100	7.8.7	oraniy, worth das with '49 rise of rarbh dater.	or programmers. He may be a companied of the companies of
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(2 - 2015)	u, L. and water G. Administra	ot v.e. Chark	Irrar.	who argues by the dang. The read	77,	Ad_116.	0 10 0	F.F. 367 F. 67 ⁸	ės ės	AND THE STREET STREET,	Fig. 1. State of the property of the state o
(Jrist 1)	€ Nog	Medal D. Activation	** ** **	to define by a color.	" <u>-</u> £	/4!, ud.	3	<u>(</u>	186	er vilgg timber	constitution of the second of

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Diversion				Water use in 1958		Αpi	Apporent water right	right	Indicoted		
Locotion and Plote 2 sheet number	Diversion name ond/or owner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Туре	Amount	Reference	oppro- priotion or first use	Description of diversion system	Remorks
				_	WEED		SUBUNIT (Confinued)	(pen			
20 4				;	1			0			
1,100 Table 100 E.	1, 2, 40 y	loy Creek	St. 4.	id acres by flooting 50 head	156	Ad lud.	J. 15 cfs	Fir. 168	1878	Jravity; Parth dam with J.2 mile of Parth ditch.	
6'-m' (5'-	Ac.,	AFFLON CPANN	erd Lo Es	ilo acres ty flooting	0 1 N	Adjud.	. 15 cfg (*)	Par. 265" Par. 1676 (9)	1.265	Sravity; warth and rock dunwith 1.5 miles of Parth ditch.	Area irrigated received supplemental supply from 2 while, Amount diverted includes supplemental aurply from a spring, Amount diversed brighted an additional 22 acres jointly with "IM/50-2611, or additional with right specials see .c//50-2911
	. t, nd t alse . /adr.c.s.n	orr, compact	irrig.	(u)	None	Adjud.	.023 cfs	Par. 368	1857	Smarking, earth for with 13) feet of 4-met (the ond 3%) feet of earth filen.	For we swhers: "Messig, r being freviously are; ted by access jointly alt. 420 pe-2501 and 420 Sec250. .3 of a windary i to Germer 31.
A said		מייון ידי הידי מוחיכ		65 acres by flooding*	190	Adjud.	Lais of	F. C. C.	197	aravity; earth dam with J	rmer owner: 5, H. Jackson. Amount diverted supplemented by L2N/5W-27D2 and -28Rl.
in the		Single the stary	* * * * * * * * * * * * * * * * * * * *	(a) Prof. (c)	07	.bullud.	7,15 cfs	50 C	1887	Jenity: Papth dom with 400 fret of earth ditim.	Furner sentra 3, B, and son, Amount sivering aupplemented L2K/Sw-2731 for use reported thereunder.
- A	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Andread of the first	F	37 acres by flooting	35	Adjus.	0.25 of	Sar, sell	1958	Graybyy Parth and r of thin 1.5 Forth, 9 and 12 feet and with this feet	Populor sanors: Elamba Lewis, Johny A. Abiloy, need immigated recolved suppresents surply from 428, 44-3401.
- Post Reserved	Attack for a state	washin a side o	Integral	(x)	# S 975.	Adjud.	0.15 of #	300k July	1366	invity; timber for with the mile of earth disch.	Figure James and Montey, sulliving John Lones, Americants, Cirthon of James Landon and Landon and Landon and Landon for use reported thereunder.
	1	Bart Toron		31 series by St. of the French Property St. of the St.	275	Att rote	Eng T	Arpl,3952	701 T	JEANILY: Christing of which I had a match I had been to be written by the service of the service	•dath karr lettings lidetime dathca
		4	Strong.	Monegar by flooding	472	Adjud.			100	Arivity; Parth, and the fan with "as mile of earth difen.	Papers Carta Jests Carts Cary
11		And the second	. 0 0 . 0 • . 0	ŝ	Моле	- क्षा (क्षा - क्षा	- S - S - S - S - S - S - S - S - S - S	7 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1364	anathy math to alth to make theirbeitch.	romer sapers o. M., severa, irri- rited of cores, colo, with 420 cm, 1916, anti, 1915.

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TABLE 5 (Continued)
DESCRIPTIONS DE SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Woter use in 1958		Appe	Apporent water right	ight.	indicated date of		
Location and Plote 2 sheet number	Oversion nome ond/or overer	Source	Purpose	Extent and method	Amount diverted in ocre-feet	Type	Amount	Reference	appro- priotion or first use	Description of diversion system	Remarks
				_	WEED	SUBUNI	SUBUNIT (Continued)	9			
.:			:	entre de la companya		Ast, 1213.	£,	e. :		environ earth income the environment with the environment of the envir	the control of the co
	· .		1 4			· t, mt.		1. 5 2 g	-	Control of the state of the sta	more among containing the property of the prop
1 -	÷		e on los los	49 acres by flooding*	#	4d, 0:1.		N	1,11	rewity, vertained the semi- with in feet of earth litth.	diverse applemented by L2M/5#-33Al.
1 4	•			2] acres by floodings	rd - 2	: = T				eparty, tomber density	The February Control of L2N/54-2001.
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· ·	-	1 5 7	 L	A best	ŭ.	A1, u-1.	1010	in an	ş	oravity with antition in with a mile of earth stach.	Dennia, Arrian increase, Armini Dennia, Arrian increased L2%/S#-21M for additional use reported thereunder.
	:	4 S. 7 + 5	L L	o ve ty Lodon		(E)	}		4074	proving earth and proved don- with Line, end onthe damps.	Postmannia sempansia in Princia di Lindensia. Princia di Princia di Princia di Lindensia.
			# 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	30 acres by flooding*	N	let, w.	E	É	1843 1843	arabig earth of timber don- with a south earth areb.	r more campres and the control of th
1 #2 2 8 3 4 4 6 2 6	The second secon	į	.*	Refull to the first of the second of the sec	7,519 m		1,0) of a line, add (1,0) of a line, bit (1,0) of a	000, 000, 100, 100, 100, 01,	405	and the familiar of the state o	Approx. Departs, to a various, Annual Amount, diverted supplemented Lag/SH-28Pl for use reported thereunder. No also among the uncounter.
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TABLE 5 (Continued)
DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Water use in 1958		App	Apporent water right	right	Indicated		
Location and Plate 2 sheet number	Diversion name ond/ar awner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feat	Type	Amount	Reference	oppra- priation or first use	Description of diversion system	Remarks
					WEED		SUBUNIT (Confinued)	ed)			
	E		* * * * * *		*	**************************************		2 2 2 2 2	:	# 10 mm	while, your is a properties of the reported therefore,
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2 10 5 5 2 10 2 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5.	Add to the state of the state o		8 acres by flooding	ě _	**************************************	810 J		- ×	and the straight of the straig	Olympic employer to describe the state of th
4. Ma. J.	8. 4	::3:	STRIM.	A CONTRACTOR OF THE PROPERTY O	in the second	Adjust.	1,55 cf3,	11 11	- (erezign central abb	· La constant de la c
	e 8	i i i i i i i i i i i i i i i i i i i	Inti	na interview by Constitution	.0.	A-1, 10-1	(e)	*)	-50.	· · · · · · · · · · · · · · · · · · ·	And the second of the second o
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		Your Artiful	e y	oat were to Dodana	C-47.	• 1 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			**>e	25.5	
	·			7 acres 2 of addition		7 7 7		₹. £	:	answitzer mith. The control of the c	And the second of the second o
	· · · · · · · · · · · · · · · · · · ·	And the first th		And the Control of th	ê .	र्व का	(4)	u u	:	Property Commence of the Comme	The second secon

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Diversion	c			Woter use in 1958		App	Apparent water right	1ght	Indicated date of		
Location ond Plate 2 sheet number	0 .ersion name and/ar owner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Туре	Amount	Reference	appron priotion or first use	Description of diversion system	Remorks
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	E E	Mr. The Control of the Control	Solution of the state of the st	- UTPO OF A BOSEN TO	. الم سال	wijad.	, 10 cfs	r36	pha	The state of the s	A CALL THE FACE OF THE PARTY OF
	i.	2	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	Control of the second of the s	÷	Adjud.	Les est	5. C.	±01.2	indvilgt contrage " feeting the contract of th	The property of the second of
		Mar. in Literature	in the second	SS scres by fuseing	- 1 - 1 - 2 - 2 - 2 - 2 - 2 - 2 - 2 - 2	Âd, ud,	J. 25 of st	. ir 5h	5,4	resulty; earth dis liferth, the list feet on the list feet only with the cold carried and the carried	Charles Table 1871 Company of the Co
	with the contract of the contr	Market Comments	0 P. → En- En- En-	37 acres by flood np	*EP98 + 14	(F)	1	1	PPLOP 	Provide Community of the Author	Purch owners and array of the proposition of the property of t
	24 2 - 24 2 - 24 Ω	3 Lrenk		and sprinkling	6 (2) (C)	Ad, %11.	ofsh	Pur, 119 ¹⁷	9.8	arevity; rock and reave, dam with ". Tive of earth date and i.e. i. i.e.	Figure Accepts and the control of th
(, -v - v - v - v)	والمراجع المراجع المراجع	Addit Marion	Ter.	? acres by flowing	÷į.	Adjud.	. Jo of sh	Par. 132 ⁸	40%	Smith thick dim with wile of combinition.	Furnity and rivers of the following.
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Sheet number ond	Overland or	Source	Purpose		Amount				appra-	Description of	
	4, 033			Extent and method of use	diverted in ocre-feet	Туре	Amount	Reference	priation or first use	diversion system	Remorks
	the contract of the contract o										
	4 - 100 - 10			~ \$ ~	VILLOW C	REEK SU	WILLOW CREEK SUBUNIT (Confinued)	ontinued)			
	44 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	allan offerk	irr o	Tacres by Howkins	11	Adjud.	1, 30 of 9.	20 Jp.	1883	writing rock dam with 1.1	forsitr owner: John olssit.
····		arch as h	*. T.J.J.	Andrew & J. Line Strike	5.	Ad, ud.	J. L. Cf.	/ur. (51)	20-1	pravity; short marth ditch.	Fugure sames cobs discel.
,		Water Contraction	lrrig.	(*)	441 (MC 1967	, pu , pv	.25 cfs	Salta Sala	- 1 - 1 - 1	ar vicyt an dan mith thanking teh	Populer comments John Stands. TheViolasiy
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	day, juga in a	ety, excellen	* 145.70	7 ourses by transland	*5	dparten.	1	;	About	with to site of earth dar with to site of earth distributes.	Pur in white is a secure. Portion of amount diverted supplemented [3,3,7,74,14] for additional use recorted thereunder.
		inituting to ougo valch	# 10 T Es Es	16 acres by flooding	Ť.	(a)	1	1	Atou t IAbu	arality; earth and mock lam with 5.1 alm of marth ditch.	Former Hammer: Lowerment alwerted by L3M/7m-lal.
_					YREKA	A CREEK	SUBUNIT	i_			
	Short States of the	Asster's Jusch	Indust. Dommatic	Concrete altang		(a)	1	1	1953	une; (4_Ehrentom with a short einem pipe to a 3,233 rallon biorage tamb.	Popular officer: Zylaupa.
Junet 1	Eura)	Yeaka Urak	·	. S meres ty the dang	Not mens. Atparian	Atharian	1	1	P1952	hap on some with short tipe- line.	<pre>PODET emperat orbotk, undtallo, mmount diverted intigated an addition, 44 acres joints, with wik/74-821.</pre>
And The Control of th	ت د د	A 24. 112.	ť	al accordy themay	Not meda	мdjud.	J. 20 cfs	Par31	161	arwaty: The make a runth datch.	comer sement of the n.
	E.	The state of the	.*	28 acres by flooding	tot mas	All_ust.	3.70 cfsh	100	i de	aravity; short ranth ditch.	Figure After F Carbon, As unbasionaries Supplemented by
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TABLE 5 (Continued)

DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Water use in 1958		App	Apporent water right	right	Indicoted dote of		
Location and Piate 2 sheet number	Diversion name and/or o≠ner	Source	Purpose	Extent and method of use	Amount diverted in gcre-feet	Type	Amount	Reference	appro- prighton or first use	Description of diversion system	Remorks
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-	•	A section of the sect	.*	187 - 20 - 18 - 19	Not more. Ad. 11.		. 5 crsh	e de la companya de l	-	Mewalty: certh	
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	14	42 Co. 20	i.	il aires ig to oding	- State of the sta	nd,1111.	es to	÷	W vp 1	bravity; i. sale i euch ditch.	reported thereunder.
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	t. €	÷	6. 1.	a 1000 - 1000 - 1000	***	, 1, 1,1	- - - - - - - - - - - -	1 Par 14 B	- - 	martyr	From which to unitar, Portion of amount diversed upplemented unit/74-711 for additional use reported thereunder.
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Diversion				Woter use in 1958		Ap.	Apparent water right	right	Indicated date of		
Location and Plote 2 sheet number	Diversion nome ond/or owner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Туре	Amount	Reference	oppro- priction of first use	Description of diversion system	Remorks
					YREKA CREEK	REEK SI	SUBUNIT (Continued)	ntinued)			
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		¢ .	Irrie.	(a)	÷	(a)	;	ţ	2 2 2 3 3 4	or y typing or mate, rebustro to be to describe	acres.
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1 41		Miles of the	4; 4; 2; 4; 4; 6; 4; 6; 7;		w.i.	מנושי (מי	1	1		The state of the second state of the second	Former owner: Antone C. (alin, Amount diverted supplemented LSh/72-21P2 for use reported thereunder.
- N	,			-	*	* Paris 4	M AND COLUMN TO THE COLUMN TO	1 4F. 4 9	10 6 7	drawing entry that with more carry taken.	Former owner: Secree A. Tebbe. Amount diverted supplemented List/Fa-21k1 for use reported thereunder. C.lu cfs January 1 to Secember 31.

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• For additional information see Appendix D,
• Detailed Descriptions of Certain Surface

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TABLE 5 (CONTINUED)

DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion				Water use in 1958		Appo	Apporent water right	right	Indicated date of		
Locotion and Piote 2 sheet number	Diversion name and/ar owner	Source	Purpose	Extent and method of use	Amount diverted in ocre-feet	Type	Amount	Reference	appro- priotion or first use	Description of diversion system	Remorks
					YREKA CREEK		SUBUNIT (Confinued)	(pentitued)			
, e l	**************************************			(e)	2		• 0 of 8		:	Entrance of Entrance of State of Control of State of Stat	The state of the s
	1 4 5 C CP4 1	A CENTRAL CENTRAL	่ง เก	i giði e mæettuns	¥ 227	427 Approp	in the state	A 1,1644	C#64	and the state of the property of the contract of the state of the stat	SECTION TO THE SECTION AND SECTION AND SECTION OF SECTION SECT
(, , , , , , , , , , , , , , , , , , ,	a car i des a	A STORY OF A STATE	h rd L L	62 jens by symmus	67	uparian	1	ł	1 micr 1973	chasts - the motor wath notes water to	Compared owners continued to the continu
		Adams - Madel	Indust.	(n)	Mone	(a)	1	1	1.434	sumpt 72-bi meator with i mile of beinch pige.	FigWar White the Program of Violating of Violating out that the Program of Party.
1		in earlier, these	'unic.	Û	not meas.	odjud.	e 10		6927	and the name of the many day free or white a stronge of dayen and the stronge receivery.	Amount diverted supplemented will/Test 201 for use reported there- under. 1.00 of slamary 1 to Recenter 31.
	The state of the s	Andrew Comments	1. (1) (2. (1) (2. (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	5. dCF6 Fy flooding	266	26 6 Ad_9d.	7. ofsh 7. ofsh 7. ofsh 7. ofsh	100 control of the co	About 1-755	mow tyr 3. mailer of earth daten.	Professional Agents of the company of the professional Agents of the profes
		Jeroth und Chee K	Irri bt.cr.	35 deres by Flooding 75 head	Cot meas. A	Art, ud.	.45 crs	1. 25 . Lat.	1,16	un withy in ch and io' dam a feet high, le feet John with .) cale of earth arteh.	
	t	Marian Commission Comm		* 31 Feb. 12 (1000) (4)	ু লৰা বুলু	(F)	i	1	7101	Amenical States in control 13, miles of the states of the	homor amperio
Carrier Hybrid		4 · · · · · · · · · · · · · · · · · · ·		to the control of the standard	int ak	•		1 1, 17)	¥	antwolyton was a second state of the second st	
			144	lo actor by Chattering		· · ·	A 77 + 17 + 17 + 17 + 17 + 17 + 17 + 17	10 mm	E	when you must be the south of the south of south title.	the manufacture of the control of th

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 Ather Diversions
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DESCRIPTIONS OF SURFACE WATER DIVERSIONS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT TABLE 5 (Continued)

Diversion				Woter use in 1958		App	Apparent water right	right	Indicoted		
ond Plote 2 sheet number		Saurce	Purpose	Extent and method of use	Amount diverted in ocre-feet	Туре	Amount	Reference	oppro- priotion or first use	Description of diversion system	Remorks
					YREKA CF	REEK SU	YREKA CREEK SUBUNIT (Continued)	ntinued)			
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- Comertic are of less than 5 connections. .
- Investitional information to determine type of water right.
- Applications to appropriate water filled with tate Water Rights Hoard as shown in Table $-1_{\mathfrak{p}}$ Appendix C.
- John H. Waens, et al. va Harry M. Bemrd, et al., No. Ihi78, ilektrous Jounty Superior Court, July 1, 1958. For adultional Microwasten concenting this case, are Appendix C. ÷
- Shackleford Greek Adjudication, No. 1177. idaklyou County Superior Court, Arriv. 1, 1970. For adjudical information concenting this adjudication, new Appendix C. , i
- Gnasta River Adjudication, No. 70/5, Gladgeu County Surerfor Sourt, December No. 1972. Per additional information concerning this adjustration, see Appendix C. Perforted amount to be diverted between March 1 and November 1.

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Reported amount to be diverted between November 1 and March 1.

- Sugar Creek Adjudication, Civil Case No. 590L, Staxiyou County Supritor Court, Seprember 71, 1976. Por Additional Information Concerning this adjudication, see Appendix C. Amers are listed in Table 7, Index to Surface satur liversions. , e

Surar Creek Adjudication, Civil Case No. 2719, Siskiyou 'ounty Superfor Court, June 20, 1906, For additional information concerning this adjudication, see Appendix C.

Partial record during 1958.

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Reported amount to be diverted between April 1 and October 1. Reported amount to be diverted between October 1 and April 1.

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- Siskiyon County records.
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- Water Rights of Sinkiyou County. .

Records of Surface Water Diversions

Periodic or continuous measurements of surface water diversions were made during 1958, wherever it was feasible, to measure the flows. Results of these measurements are reported in Table 6 and are summarized below. Substantially, all diversion measurements were started by April 1958, prior to the commencement of intensive irrigation, and continued to obtain a complete season's The measurements were classed as estimates when data were record. incomplete or uncertain. If diversions were located late in the survey so that measurements could not be made during part of the season, this is also indicated in the table. When feasible. measurements of each diversion were made at a location above the area of first use and as close to the diversion intake as possible, but below any regulatory spill. Those exceptions where spill occurred below the point of measurement, are noted in the table.

Diverted quantities were determined primarily by measurement of open channel flow and testing of pumps.

Periodic current meter measurements of open channel flow were made during the diversion season to obtain channel ratings. The water stage was recorded either by weekly observations of a staff gage or with a continuous recorder, from which quantities of flow were calculated. Existing Parshall flumes or weirs were used whenever available. Pumps were similarly rated and quantities of flow calculated from operation or power records.

In Table 6 the superscript "e" indicates that at least 10 days' record within the month was estimated. If insufficient data were available to report monthly values, but an estimate was made for the total period, this is indicated as "----**---". If no record was available on which to make an estimate, this is indicated as "----NR----". When the diversion for a given period is known to have been zero, it is so indicated. Notations regarding extent of irrigation period indicate the overall period of irrigation, but not necessarily that daily or continuous irrigation was practiced throughout the period. Notations that a stream source was "dry" at a certain time indicate that the source was essentially dry, and that streamflow was so low as to make diversion infeasible.

The total amount of water measured during 1958 was 282,200 acre-feet, diverted for all purposes, as shown in Table 6. As noted on page 24, measurements are quantities of water diverted and include canal losses as well as water applied directly to the irrigated lands.

TABLE 6
MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958

Diversion	Diversion name	Use	Point of measurament or estimate	Method of observation and calculation	Jan Feb Mar	Amount diverted, in acre-feet Apr May Jun Jul Aug	Jun J	in acre-fee	eet 19 Sept	000	ž	Dec	Total .	Remarks
					BALL MOUNTAIN SUBUNIT	Fiz								
					>									
					CALLAHAN SUBUNIT									
¢				A to the second of the second			4		-	: •			2,003	
1 302-en 1 100		4	PA July Bridge	And the control of the state of		100	-		¥.		~		. –	
ē,			Addition of the Carticles	of iff cand in the line For ta modite	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	(7.6) (4.7) (2.7) (-7,7) (04.6)(015,7) (07,7)	'T -T'	10 to 10	75.7 E.	(P.S) (0 (0-7) (E - 7	fer. fer	Tr. Includes an estimated 1,550 acre- feet for January than March.
2	Table 1 Table 1	lets of e	A CONTRACTOR OF COME	oball are and dejch-flow rejabship		, APC	1.01	· · · · · · · · · · · · · · · · · · ·	.781 144.5	5			1,170	
· · · · · · · · · · · · · · · · · · ·		- A	s fort rejone intokn	obidi nim and sejbh-flow in labsonably.	2	150	11,2 1			1 154	Ÿ		44	
*	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	un rechted i	and the second	Jack Imaked			ŝ						- ×	
6.3 Mests.	in the explorer contrasting of a second contrasting of the second cont	10-10-10-10-10-10-10-10-10-10-10-10-10-1	Ass feet to see intain	date restage recorder and depth frow restationalist	Ride	8 A	* 80 ₀	4 100 T		*	**	#	, 116 116	that is a mean spead recent find the control of the
					(971) (971) (93.)		:						- C	of a set for a semi-
	:	International of the management	al see fort on intolor	otaff ore ond referred	-	4 4		-	24				·	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	:	, , , ,	The second of th	otall no mod dejth-tlow retitionable	-	* () () () () () () () () () () () () ()	*7	~~		<u> </u>			14.5	
4.15 - And -2.	5, 3, 16.4 0, M. Perses	Irrichio, otok- mierby	A fret terrer intake	Staff pare and Ampube-flow relationship			-	64.5	٠,		44		Take	
415 M-116.	Property (1987)	And the state of t	in foot helma lotaken	otall one and deplifies relationship	-		62	81					<u></u>	

. Thus to length of ditch, losses of unknown extent occurred below point of measurement.

See remorate
 Monthly volue estimosed
 Diversion estimosed for period indicated
 No record for period indicated

MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958 TABLE 6 (Continued)

			200	No.	Amount diverted, in ocre-feet		
Diversion	Diversion name or owner	Use	measurement or estimate	observation and	Jan Feb Mar Apr May Jun Jul Aug	Sept Oct Nov Dec Total	Remarks
				0	CALLAHAN SUBUNIT (Continued)		
		the first of the f	A finish to the solution of	Staff Physicand design and design to the Land of the L			
		Adda of a state of the state of	s frest test and and a	Staff valor and tapth-flow reletarishing	a − 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1 + 1		
· · · · · · · · · · · · · · · · · · ·		Little Could be a control of the con	er et filt well of the filt.	Statt pure and the	M7 35 67 169	4 1, 1,492 a	
1		A STATE OF THE STA	the first and the first showing the	Staff ruge ind depth-flow reliationship	10 July 12 Jul	ř.	
1		1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A 1 A	D feet or worker	depte-flow			
- 40	, co	The second second	AND TO SERVICE	Staff rape and Inthefirm	LUC 4 CO.	T.	
-06-5-4		o theirai	The first we want from E. e.	Staff pare and the the transfer of the transfe	140 15	7 4.45 1.05 B	
0 - 100			A food to, a 10th of	Staff Payr and desth-flow	21.7 12.794	1 1,567	
		The second of th	. feet fr. h intake	Staff rape and desth-flow resaltonship	2	2.7	
	, 6 ,	uctive state	27 Erre rein intake	Staff Jane and de th-flow		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
				\$ 0	DWINNELL RESERVOIR SUBUNIT		
				at ff harmord A theft w Peletionalna	3 5 7 76	:	
			5	of aff have and the fallow relations	15 40 41 141 Add	0.00	
	See remarks Monthly value estimated	£ 4	a - Due to length of	ditch, losses of uni	Due to length of ditch, losses of unknown extent occurred below point of measurement.		
N N	No record for period indicated						

a - Due to length of ditch, losses of unknown extent occurred below point of measurement.

MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958 TABLE 6 (Continued)

		Use	Point of measurement or estimate	Method of observation and colculation	Jan Feb Mar Apt May Jun Jul Aug Sept Oct Nav Dec Tatal	Remorks
				DWINNEL	DWINNELL RESERVOIR SUBUNIT (Continued)	
			Contraction with the	Staff in the And design for an entire for the formathing		
			in forther weartake	Staff pure and mr.h-fl.w m. d.noshis		
	. Maybelle B. Mills	The state of the s	AND THE STATE OF T	Staff sym and depth-form relationship	the state of the s	
			The Little of the contraction	Additions and Mejth-flow		
			Can the second of the second	Lagratus de la company		
			, At 11	of the from		
		1 1 4 1 1 1 L L	AND FREE SHOWING LITTLE AND THE	Staff And and Adapted to the man of the form that the form the form that the form that the form the form the form that the form the f		
		L L	1.495.4	22.20.2001		
			1 1 1	Otaff right int the first read tracking		
	ė	See the	-	plan pad amen		
		*** *** ***	6	(a)	The first purpose of the first property of t	Andread Commission of the soften
	2 : 2		A. 1 +311	12 14 14 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 19 18 18 19 18 18 19 18 18 18 18 18 18 18 18		
		: :	44 .74. tA			
:	***		\$	Post Care		

a - Due to length of ditch, losses of unknown extent occurred below point of measurement.

TABLE 6 (CONTINUED)
MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958

			Point of	Method of			Amount	Amount diverted, in acre-feet	IN acre.	feet					
Locotion	100 TO TO	Use	medsurement or estimate	observation and calculation	Jan Feb	Mar Apr	W ay	nu C	ا ابال	Aug S	Sept Oct	Nov	Dec	Total	Remarks
				DWINNEL	DWINNELL RESERVOIR SUBUNIT (COMINNIED)	SUBUNIT	(Continued	5							
M D B & M															
18 58 94 C	with the street	interestina	At Solone	Estinated		2		1						410	
THE EMP AND	Fills J. Louis	the property of the second	A Thras	Est imited				m m						2	
1001-MS, 34-7	Fills . Louis	Irritati n	At intake	Estimated				-	2	1	2	0		(10)	
138 5W-1511	American Contractor In	\$2 	(a)	(*)		4,24		4,182 1,824 1,534		4.71 I,	I. 2.4			- T	u cord oktokred from Asternástor ovrvece
SH 57.7 + M 57.7 - 37.7	Maryin L. and Inec M. Miller	S Agrication	many to the care that the many is a	3toff page and Impeh-flow relationable			-NK		:			9 64	7.9	141	
wah whaled	Autrey C. Yones	Andrew in a strategy was a strain of the str	At 182 ann	Settly run unit Setth-flow relationship		7	ह्य त	-				<u>~</u>		146	
Mark Later (1983)	Aubray hunna	Treference and the management of the management	i fred trail is traitiske	Souff Rage and depth-flow rolationship			6 61	2	,	~		4		*** ***	
This - was given	Depart and	dert gert, glad	At increes	Staff pure and stage the flow relationship	9.6	1 2 2	1.4	-		Ē	1	15/8	3	-	
448, 4-2031	C. nde Linke	Irrivation	Sil form haling tilbilen	Shuff paye and day the flow metal in paying the flow				1		Ĭ		ar.	2-	ę	
Televisian Nept	haries I. and Ellen B. Lrumand	L. 7 .1 .47441	the Lyst Albert	Staff Jane and depth before			: }	-			Ē		16.	100	
7 14 - 20 1 5 970	10 4 deci.	Int. of a	Ar Leitskie	Staff are and depth of the constant		- T							*	4 1 2	
					EAST FORK SUBUNIT	UBUNIT									
10.1%	a Charle	A TOTAL A TOTA	fret te. m "stuko	Staff or and of the state of the						*				*	
. 8 74-71.1	4-13-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	1 A A A A A A A A A A A A A A A A A A A	F 4 1 - 1 - 1 - 1 - 1	SENSE STATE OF STATE			÷	The Const.	7			-			
2 2 2 2 2	See rei Octas														

See remorks
Wornin volue estimated
Disersion estimated for period indicated
No record for period indicated

TABLE 6 (Continued)
MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYOROGRAPHIC UNIT, 1958

			Point of	o pod				Amour	Amount diverted, in ocre-feet	o uı 'pa	cre-feet						
Location	Diversian nome or owner	Use	measurement or estimate	observation and calculation	ار م	Feb X	Маг Арг	r Moy	رق	יי	Aug	Sept	000	ò	Dec	Tatal	Remorks
				EAS	EAST FORK SUBUNIT (Continued)	SUBUNIT	(Contin	(pent									
30 - 20 - 13 - 20																	
2012 F 18.7	Laurence Frankin	Irrigation, Stork-	150 feet below intake	Staff gay and depth-flow relationship	2		_	0 287	7 141	235	160	φ.	-1. 54.		_	439	
4, 7, 7, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1,	Charles L. Mich	Irrigation, stock- katering	30 feet telow intake	Staff Sare and derth-flow relationship	0		2	0	e mule	\$.	2.4	53		ref.	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	772	
* N *-1RE	Laurence franklin	Irrigation, stock-	300 feet telow intake	Staff gage and depth-flow	0	0	2	0 107	101 71	601 1	7.7	66	8	⊃	٥	617	
JN "#EAL	Laurence Franklin	Irrigation, stock- watering	l mile telow intake	Staff gage and depth-flow relationship	0	0	9	0	37. SA	96			677	25	Э	12.71	
4 /PK-2-1	Nerva H. Hayden	Irrigation, stock-	2%) feet telow intake	Staff gage and depth-flow relationship	0	0	0	9	30.	97	* £	# S1	20	7	ନ୍	180	Fiume wanted out 8/15 - 9/3.
4.08 PM-13E1	Frank J. Hayden	Irrigation, stock- watering	0.7 mile below intake	Staff gage and depth-flow relationship	٥	0		0 11	110° 47	7 54	4.2	55	Ť	?	85	595	
4 8 24-15RI	Nerva M. Hayden Hazel Cwena	Irrigation, stock- watering	20 feet below intake	Staff gage and depth-flow	Ċ	0	ອ	E .	586 ZTR	174	281	212	777	135	3	F770.	
. N. M. 22Fl	Rodney Hamilton	Irikation	a feet brink intake	Staff Rage and depth-flow relationship	0	0	2	7	10° 11	٠	~4	0	CC	A	3	5	
4.5/94-2223	modney Hamilton	Irrigation	30 feet below intake	Staff gage and depth-flow relationship	Э	0	9	0	7E	, 17	m	1 1	27	5	٦	Crr.	
. N/PM-221.2	sodney Hamilton	Irrigation, stock-	le feet below intuke	Staff rays and depth-flow relationship	<u> </u>	0		0	70, 111	, \$1	17	19	55	Ф	^	588	
Td22"Fe;NO"	Modney Hamilton	Irrigation	.ix) fret nolaw intake	Staff page and depth-flow relationship	0		_	a .	31	7						21	
40N/PM-23B1	Frank J. Hayden	Imikation, stork- watering	150 feet kelow intaxe	Staff Pare and depth-flow relationship	a		2	₹ 5	250 155	5 166	2	597	-# ->	113	1	1,497	
40N/8M-23D1	Frank J. Hayden	Irrigation, stock- watering, domestic	100 feet telow intake	Staff engr and depth-flow relationship	٥		c	3 16	160° 57	7 59	72	25	F	Lx.	F	46.94	
4.0N/PM-35E1	Hodney Hamilton	ي د د و کام	25 feet below intake	tatimated	2	0	2	9	2	0	0		12	1	-	170	
																-	
Sae 7e	See remorks																

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TABLE 6 (Continued)
MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYOROGRAPHIC UNIT, 1958

Remarks		and the state of t						d.
Amount diverted, in ocra-feet Jon Feb Mar Apr May Jun Jul Aug Sept	EAST FORK SUBUNIT (Continued)						EDDY CREEK SUBUNIT	
Method of abservation and colculation	EAST FO			¥ .	# 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		03	
Point of measurement or estimate				* * * * * * * * * * * * * * * * * * *		,		
Ose								
Diversion name or owner						t .		
Diversion		₹	¢ .	Ť		,c		

See remorks
 Morthly stills estimated
 Diversion estimated for period indicated
NH No record for period indicated

TABLE 6 (Continued)
MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958

Dversion	Disersion name	-	Point of	Method of	Amount diverted, in acre-feet	S. S
Loca, on	OF 0 W. 7 E.	, S	or estimote	colculation	Jon Feb Mor Apr Moy Jun Jul Aug Sept Oct No. Dec Total	6
				, GOD3	EDDY CREEK SUBURIL (COMPINGE)	
	E . Let .	de perdag	लाहा सामा क्षेत्रका के अपन	otaff rope and defth=fl w rel dernahm		
			eld (1) (1) the second of the	ofoff the mid terth-form	The second of th	
4			and the milblake	of of forms and depth-frow relationship		
A Company	2 3 6 9	L. L.	a fraction on supplied	. stimsted		
Apport Ince Januaria Lase ydregraphic				Staff see and		
					ETNA SUBUNIT	
7 7 7 8 8 9 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Tradition	American Company of the Company of t	क्ताप्ति कार्यो केन्द्र	stoff pare and Jepth-from	1.7 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4 1/4	
4 	F. 17.3 F. 15.5	1	A STATE OF THE STA	Staff raye and desthather	[10] [10] [10] [10] [10] [10] [10] [10]	
47 - 10-76.	And the second sections of the second	1). * YF . * (I) d y	The free form with the state of the	Staff recently spriffed tow restant midden	(1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	
	The second of th	The state of the s	a temperature of the specimens	Staff core with telline in the face	11.	
	6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A 17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	adequate on the Carolina of	Section of the second sections of the second sections of the section section section section sections of the section section section section sections of the section s		
. — Ma — Ma x 47	The state of the s	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	The first transmit trues	Statt poper and dark from Tret at a critical		
1 1 W 11 2	9 51 12 44	1	to the body of the second	And the state of t	19. / ₄	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Control of Manager of Manager State	1 M 2 1 1 1 1 1 1 M		16, 16, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10		

See remains
Manthy value estimated
Diversion estimated for period indicated
No record for period indicated

TABLE 6 (Continued)
MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958

The standard of cating to the standard of ca		4		Point of	Method of					;					
	Location	Diversion name or owner	Use	medsurement or estimote	observation and calculation	Feb Mor								Totol	Renorks
Column C					13	NA SUBUNIT (Continued	Ę.			[
The control of the	· · · · · ·	<u>.</u>		The leaf least at the later	Just Time and Jest the Training of the Constitution		350°	224	123				^	701	
Column C	*. *	1		But to the	rump theat and bounds of our Foot in					N		0	Ð	4	
Column C	•				but a control of the second of							7	0	9	Source dry 8 14, 58.
The control of the	š.	E.	* **	12 12 12 12 12 12 12 12 12 12 12 12 12 1	staff poor Spo depth=f ow poor documents	28			Ę.			113	170	919	
	5				Just constant state and section with the section of	1111-	!	e			*	~		516	აიკონ ძლუ 'r 8 ეგ.
	 .e	-	Terroring a recommendation	A A A A A A A A A A A A A A A A A A A	othit pan And Jetther DW Teoliticabli		1.19	621	Ť	£			86	657	
	*			a test at we introduce its grab applifier	of the or and depth that the making	* * * * * * * * * * * * * * * * * * *			377	-4			97	£	
A			-	\$	ot of poor and bettern w		76U*								
### Part of the strain and the strai	,			*	Jethin we und Jethin w				<u>-</u>			4.	77	777	
1		:		***	of 10 or nor and to the high of the Property o		¥.	178				_		907	Source dry 7 10 58.
Page 15 of the state of the s				s .	the company of the state of the		-	174	*			-7		£ .	Stance day 7 11 SP.
(4.2) (1.4)					Property of strain) 		1					
we shall be a second se				*	Water performand double from and double from	(10) (4) (10)	£-	1	1111	7 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			*	Ce*)	
	ķ	ť			of the same and september 1.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	20		-₹	٩.	5-			47	

Lee remares.
Monthy value estimated.
Diversion estimated for period indicated.
No record for period indicated.

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MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958 TABLE 6 (Continued)

			Point of	M to cott				Amount	diverted	Amount diverted, in ocre-feet	3 - feet					
Location	Diversion name ar awner	Use	measurement or estimate	observation and	non	Feb Σ	Mor Apr	May	, den	اعات	Aug	Sept	000	Nov	c Total	Remorks
				E .	ETNA SUBUNIT (Continued)	NIT (Co	ntinued)									
20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	5	10 cm	And the second s	000 000 000 000 000 000 000 000 000 00		2		62.7	1 4 630 1 780 1 500	007	6	3	5	4	331 2 648	
* 1 6	Pright and Figurer Intigation Ditch	irrigation	170 imec detom incake	recorder and depth-flow relationship	(68)	(8)	- (971)	20446	2	004	7.c	22				1959 fine rds in pare-thesis.
							ì								,	
				_ U _	GRASS LAKE SUBUNIT	AKE SU	BUNIT									
					No diversions	ONB Meas	Meastred.									
					GRENAL	GRENADA SUBUNIT	E N									
4.03 (#-2F)	Edson in Payer	Irrigation, stock- matering	.1 mile below intake	Estimated	# # # # # # # # # # # # # # # # # # #	-				State or St. St.	0	0	2	0	0 230	
420 HH-2P2	Edson Foulke	irigat.on, stock-	O.1 mile below intake	Staff gage and depth-flow relationship		*	-	160° 61	eu ,	0	0	0	0	0	0 719	
44.38/6m-3H1	Edson L. Polike	Irrigation	500 feet below intake	Staff gage and depth-flow relationship	0	0	0	234 326	207	177	164	95	91	32	0 1,310	
1.00 Sec. 32.	rem Carpenter	Istigation		botimated	0	0	0	0				1	0	0	0 50	
1 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 - 0 -	Ferrence Gred	Irrigation	ic i feet telom intake	Staff page and depth-flow relationship	0	0	0	91 0	6	10	ನೆ	্য	٠	0	S	
176-M- K.M	Dan Stelley	Irragatan	+	Estimated	0	0	0	0	*	0	٠.	7		2	07 0	
428/6#-1311	in de Marmell	Irrigation	I	Estimated	0	0	0	2					5	0	O HO	
4.2N/EH-15C1	Can Shelley	นะรูวชอัสเมรู	1	betimated	9		9	0 120	0		5	э		9	0 1.20	
109-MS/NE7	Grenada Irrigation District	Irrigation	. Smile below intake	Water-stage recorder and depth-flow relationship	0		7	4.29 1,053		507 1,833	1,75	719	0	0	0 6,268	

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See remarks.
Monthly value estimated.
Diversion estimated for pariod indicated.
No record for period indicated.

MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958 TABLE 6 (Continued)

			Point of	Method of				Amo	Amount diverted, in acre-feet	rted, in	acre-fe.	-					
Location	or owner	Use	measurement or estimate	abservation and calculation	Jan	Feb	Mor	Apr ≰	May Jun	Jac.	Aug	Sept	000	ò	Dec	Total	Remorks
				GREN	GRENADA SUBUNIT (Continued)	9UNIT (Cantinue	<u>6</u>									
FDBCM																	
4 (N) * #=6D2	Hunaman Ditch	Irrivation	20) feet below intake	dater-stage recorder and depth-flow relationship	(142)	(102) (6	(302)	304 1,3	334 1,340 1,670 1,940 1,410 1,160 1,120	0 1,940	1,410	1,160	1,120	0	133	9,077	9,077 (1,106) 1959 records in parenthesis.
448 64-201	Samuel Brutania	Irrigation	150 Feet below intake	Staff gage and depth-flow relationship	9	0	0	89	159	9	0	0	0	0	0	338	
1h/tr#-1181	Suruni Brinsma	Irrigation	15J fert below intoke	otaff gage and depth-flow relationship	Э	0	0	0	οδ 111	1 67	0 ~	0	0	0	0	7777	
4.374 '6.4-1.1 to a	Samuel Mountains	()	150 feet below intake	Jisff page and depth-flow relationship	0	3	0	17 17	175 165	5	0	0	0	0	0	4,3%	furpose of diversion in year of survey was leaching an alkali field.
1877 MH 1877				Sottmated	0	э	0	2	0	0	:		0	0	0	8	
4,5477 - 2. AL	J. 1715.00	Treat state on	**	batimated	0		0	2					0	0	0	0,7	
1832 WAY WE'T	Jacks Print	Irelation	At ነກና ጨአ ም	Staff gage and depth-flow		2	0	0	50 213	3 147	39	9 41	75	0	0	7715	
435/68-70cl	J. l., rice	trrigation	250 feet below intuke	Staff gage and depth-flow	0	Э	0	16 1,	129 52	2 135	801 9	7	0	0	0	1447	
4 1 (F = 14) (A = 14)	Address Sections	Irrivation	,7X) feet below intake	Water-stage recorder and depth-flow relationship	0	0	0	c	14 13	9	7	0 4	2	٦	Э	4	
Day -wa-sytte	John L. Doren	Irrigation	4 9	Power records	0	0	0	0 16	162 115	5 167	/ 231	151	6	0	0	815	
MACK-M-LOAL	a. 1984 and Merl Fromman	Total ton	1	Power records	0	0	0	18	7	0 16	0	~	0	0	0	47	
E	TONG TO BEET	- MOST 18 - 40 - 40 - 18), b mile below intake	Staff Rage and Phyth-flow	9		0	0	37 13	97			^	-	^	6,	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Contain the		Spacoal dame.		0	0	φ	11	6			0	0	0	⊕ -2	
444 M. C. B - 2) P.L.	Carah ITT	All days a	is foot tellow intuber	Staff gage and depth-flow			2	63	35	□				n	2	1 (2	
P. See re	See remarks																

Morthly volue estimated Diversion estimated for period indicated Na record for period indicated υ * α̈́ • Z

TABLE 6 (Continued)
MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958

			90.00	700				Amount	Amount diverted, in acre-feet	, in acr	e - feet					
Location	Diversion nome or owner	Use	medsurement or estimate	observation and	Jon Feb	δ Mαγ	r Apr	¥αγ	ניי	20.0	βnφ	Sept	000) vo X	Dec Total	Remarks
				GR	GRENADA SUBUNIT (Continued)	UNIT (C	onfinued	_								
•		I respect	, Xi fort krjak intokn	Staff Kapp and depth-flow relationship	-		21 6	Q	0	106	71	4	0	0	9	67
	1	G. T. C. L.	15 for the antike	Staff park and depth-flow relationship	-			133	757	100	107	70	8	7**	9	965
ě		100 mg 1 m	and the tell with the	per care			~	6 22 4 4 4	6 2		0	0	0	Ç.	0	10
			30 Lance 1 Leave 1 Company of the 15th 10th 10th 10th 10th 10th 10th 10th 10	Just ond decth lime and decth lime	-		0	E .	32	73	Ķ	17	21	Ħ	0	133
K	entranta entranta de la companya de	LEFT OF THE	.5 mile tekiny intuke	iter=stare recorder and Jepth=11 w relationship	Nic		30° 130°	358	327	-188-	617	777	4.26	0	121 2,	(1.45) : 259 pecceds in parenthesis.
- 10 m	B (2017) (1) (1) (1) (1)	u. pe	At intake	Staff yave and depth-flow relationship	-,	9	0 3	35	115	120	46	33	118	129 .1	.1.0%	708
4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	16 (CC)	TTT: detton	At intake	otaff pare and depth-flow relationship	in .	15	5 23	13	С	0	0	~	$\hat{}$	9	^	51
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Managers of the state of the st	Fritzition St. K.	;	1 st.173 Pd			· ·	0	:	0	0	0	0	0	C	07
3 - 27 - 27 - 34 - 35 - 35 - 35 - 35 - 35 - 35 - 35	137 Ca	Employer of a standard of a st	from helow antake	oteff where and depth-filw	1	*7	.to* 19	77	17	37	35	$\hat{x_i}$	28	5	ર્	560
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A	And the second s	1) Swet tellow intoker	Estimated	-	7	0	-	٥	ē.	o	0	0	5	c	01
4	A		To fort the in abuse	Entimited			,	# # # # !	i i i i	Ì				\neg		0:
$\int_{\mathbb{R}^{d}} \frac{1}{dt} e^{-\frac{t^{2}}{dt}} \frac{dt}{dt} = 1$	M. 2. 3 1 - 4 3 4. 8 4873-4	Tensoritans, or the	on the first of the second	1981. (mat.eq	-		7	-	*	!	-	-	Э	-	^	Q
444 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1411	Contract of the Contract of th	77. Prest Dolos Intake	Staff yapr and depth-flow relutionship	2	2	0 37	58	17	19	m	Э	0	0	9	104
14 4 / 2 Man 35 Fee.	s constant of the second of th	Q: - 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	!	Staff gage and derth-flow rela".onship	Э	0 76	6 147	169	\$	147	141	Ş.	32	25	z.	Liston
Secre Months Mers Diversi	See remarks Monthly color estimated Oversion estimated for period indicated that record for period indicated	indicated														

MONTHLY RECORDS OF SUBFACE WATER DIVERSIONS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958

			Point of	Method of	Amount diverted, in ocre-feet		
Locotion	or owner	Use	meosurement or estimate	observation and colculation	Jon Feb Mor Apr May Jun Jul Aug Sept	Oct Nov Dec Total	Renorks
				'X "	KIDDER CREEK SUBUNIT		
2:					(No diversions measured)		
				5	LITTLE SHASTA SUBUNIT		
3	and		ANGLE (113) Min on the control	of it forms and period of the forms of the f	8 0 0		
			भेर रथ ह	Time, for to 1	COUNTY OF THE STATE OF THE STAT	Line, and the second	
	1. 1. 1. 1. 1. 1.	14 pr 12 pr 14 pr	4 4 4 4	of if pripe into le, th-flow months		the	
1000	: : : : : : : : : : : : : : : : : : : :	e	!	1 1 - 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
* · · · · · · · · · · · · · · · · · · ·		Arrivation of		and the condition of th		~	
A strategies of the strategies	Hamilton 2	Important Coke	(a)	(#)	9 (2) (3)	% RR 376	George Statised from Water. Master Service.
	Treff. on Williams the street	E	At the test	Staff cape and depth-flow relationship	(11.1) (A(1)) (A	(174)	(174) 1919 resorts in parenthesis.
18. 18.	Company of the Paris of the Par	lprivat. d. strok- watering	(a)	(*)	The last the tenth	4.1.9	production of symbol fig., a district
The Market	The West of Hallands, when and have taken	intight.on, of the anterior	" miles to, a inition	Staff Lager and depth we nell alternably.			
- E	The particular of the particul	Terports of the Ka	•	(8)	, · · · · · · · · · · · · · · · · · · ·	Apr	eaching of specific and the
•			(a)	û û	1	10141	so the distance of the source
			(e)	(g		(v)	Smooth Alaquet 15 months mad option 27 m

See remarks Mosthy, volue estimated Diversion estimated for period indicated No record for period indicated

TABLE 6 (Commused)
MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958

			90	7				Αm	Amount diverted, in acre-feet	arfed, in	acre-f	100						
Diversion	Diversion name of awner	Use	measurement or estimate	observotian and	nor	Feb	ž	Apr	May Ju	in nin	Jul Au	Aug Se	Sept Oct	Nov	Jv Dec	oc Tatol	Remarks	
				LITTLE SI	SHASTA SUBUNIT (Continued)	SUBUNI	1 (Conf	finued)										
2																		
	Liene U. matern	APPA 1823 (B	A. 11. 'A.	Jeaff gage and depth-flow relationship			82	46	95				3	61 12	130	786	9	
201 201 21 2	Same Washing Price	Irrigation	At intake	Staff Page and depth-flow relationship		0	687	86.48	350	303	1 44,		29 374		6.1 519	4 4,22 ₄	.7	
· · · · · · · · · · · · · · · · · · ·	74 - 14 - 14 - 14 - 14 - 14 - 14 - 14 -	T. Additional	So feet trons intoke	Staff gage and depth-flow relationship	* * * * * * * * * * * * * * * * * * *	N.H.			57	2	2	53	28	~	16 1	15 167	<i>t</i> -	
15 m 37	F, A, and coy V., and epils	Intigation, disch-	At pump	Mung test and power records				0	51	77	7 70	57	32		0	0 234	77	
THE THINK	Penry Flock		1	Estimated		0	0	0	٥	0			!		~	,	8	
4 - 1 - 2 - A)	Herry Variable	Intloation	Av 1.75.84 P	btaff gage and depth-flow relationship		0	0	30°	160	192 2	208 17	170	81 67		∞ -₹	85 1,077	-	
2 C-4- D	carry Mone carl B. and Milited . Flock	1771 1 p a C 1 O D	.i mile tr. w intake	Staff gage and depth-flow relationship	0	0	0	100°	7 789	435 5	533 30	307	394 487		124	0 5,307	<i>v</i>	
, e e e e e e e e e e e e e e e e e e e	Antonio untoh	1 日本のでは、1	4JG feet ·· m intake	Water-stage recorder and depth-flow relationship	0	~,	877	207	521 6	9 959	680 69	2 969	711 673		835 518	8 6,126	g	
45878 a-21F1	Eari B. and Mildred O. Flock	Irrigation, stock-	Lau fret Fr. w intame	Staff gare and depth-flow relationship	Ė	0	Э	140	173	65	118 15	156	36 1.	11 2	25 2	24, 74.8	©	
45N 168-1201	Consider Meanber Morris L. Prather	Fright of St. F-	50 feet br. m intake	Staff gage and depth-flow relationship				0	0	0	7 67	77	0	0	0	5	ret Tr	
45N/6#-25L1	Summer Rappes	Irrigation, stork-	miles 'estw intake	Staff page and depth-flow relationship	^	n	2.45	99	74	71	73 6	2	2	2	0	7.75		
458 *** 284J	carl b. and Mildred v. Flock	Implyation, atock-	,2 mile bol w intake	Staff gave and depth-flum	-	ń	-	7.3	70	23	5 62	51	33 46	7 09	77	Sh6 K2	5	
THeche Non	Mary comos	Irrivation	Át intane	Estimated			0	0	0						0	0 340	0	
CH52-M4/N5**	MARY LASOS	Constant	At pump.	Pump test and power records	C	C	0	0	15	m	17 1	17	•	0	0	0	85	

See remotes
 Monthly route stimoted
 Monthly route stimoted
 See remoted for period indicated
 NR - No record for period indicated

TABLE 6 (Continued)
MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYOROGRAPHIC UNIT, 1958

36			Point of	Method of				Amount	diverte	d, in	Amount diverted, in acre-feet						Remorks	
or dwher Use meducament		or estimote		calculation	Jon	Feb Mor	Apr	May	, ou	٥	Aug	Sept	000	20 Z	Dec	Total		
				LITTLE	SHASTA	SHASTA SUBUNIT (Continued)	Continu	(per										
Morris I. Frather Tretgation, stock-		1		satimated	٦	9	0		i 2 8 8 9	6 0 0 6 0 0	8 8 8 1 9 6c		0	Э	0	0,		
mersym Florik (Erryaliss, atteks - 4,3) ført belink intake materin:		And foot below intake		Staff gage and depth-flow relationship	0	0	0	10,	90	6	\$	7	0	0	0	£, 4		
Morris., rather Tripalin, done. At intake watering		At mitake		Estimated	^	0	0	0				0	0	0	0	3		
				CO	ER SCOT	LOWER SCOTT VALLEY SUBUNIT	SUBUN	Ė										
Sent Aniey irri. Irrinitum At pump pater introd	Intivit. in	At swms		Rump test and journ records	0	•	0	0 788	207	501 1 207	1,136	955	0	0	0	1,981		
Star worth, in . Irrivation At pump		At pump		Pump test and power records	0	0	0	0 76	303	471	867	126	0	0	0	1,474		
Freitam Dirch Irrightion 500 fret below intake		500 feet below intake		Staff gage and depth-flow relationship	0	0	0	0	104	10	977	242	137	0	0	78%		
Figure 1 miles and the second), i mile teline intake		Water-stage recorder and Jepth-flow relationship	(85)	(16)	(26)	2 215	336	115	116	O -NK-	0	17	62	1,063	(106) 1959 records in parenthosis.	
will take this manual of the Interpretation of the major tentraken in taken	1,8 milw balow int), R mile below intake		Water-stage recorder and depth-flow relationship	0	0	0	0 471	546	. 677	517	376	317	55	0	2,98		
Jan (17)	J. Alle teluk ili	J. Blie teluk milake		Water-stake reconfer and depth-flow relationship	(181)	(150) (1)	154 154 (130)	770	355	258	14.9	103	108	162	762	1,932	(479) 1959 records in parenthesis.	
From 1 Hays Treezestins (73) feet het an intake	का का का कार्य कार्य हिंद	The telester was the second		Staff gave and depth flow relationship				177 e	å	Ŧ	9	0	୍	F-3	72	657		
Trible Wilse	Apt fort tellow tot	JA) foot tolow intoke		Staff page and depth-flow relationship		N.6		- Chu	27	<u></u>				51	^	632		
All the sections of the section of t		14. from time a lettaker		Jeaff pape and depth-flow relationship					R	514			9	9	32	991		

See remorks Manthy value extrimated Diversion estimated for period indicated No record for period indicated

TABLE 6 (Continued)
MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958

Location Diversion	Diversion nome		Point of	Method of			Аш	Amount diverted, in acre-feet	irted, in	ocre-fe	=					
	Or Owner	Use	measurement or estimote	observation and colculation	Jon Feb	Mor	Apr	May Ju	Jul nut	Aug	Sept	9 004	Š	Dec	Totol	Remorks
2				LOWER SCOTT VALLEY SUBUNIT (Continued)	TT VALLE)	SUBUNIT	T (Contin	(pen								
	9 1 2 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1	lrrkatin	This freet bear a 1950 or	Just the flow relationship				€	5 1 7 2-1	4 65	89 77	23 19	4	4	on a second	
tatur.	্না পুল "ল'গালেছে" প্ৰান্তিৰ বিশ্ব	Irribation	2) fire below intake	Staff rage and depth flow relationship			-	-	7	135	t 24	7		Ž.	4.	
	\$ Fe1.17.0	धार इक्षान्त्राच	A. wile below intoke	Staff pape and depth-flew relationship	1	WK		£ 93	265	. '111'	3	÷,	*** **********************************	3	3,	
Adles ele.	1by	Irrivation	. s mile below intake	Water-stape recorder and depth-flow relationship	(341) (154)			34.3	246	271 9FC		100	7.	*(2**	0.53 (5.19)	(5.95) 1954 menedy an inequality and
Hulls Harris Hulls 18 18 18 18 18 18 18 18 18 18 18 18 18	Hullyotat Sullyotat	Irrap (tion, of ob-	120 first tellow intuke	otaff jape and depth-flow relationship	٦	0	0	<u></u>	34.	222	→	9	7	^	7.6	
March Comment	. Pr. Crechtion	Irrigation	But fort teliow intoke	Staff cape and depth-firm relationship	0	0	Э	1.7	59	86	5	14 1	4	-	****	
avalote > av THe * My Name.	L C	Intipation	At interes	Staff sage and depth-flow relationship	s .	^ o	Э	<u> </u>	13	31	ą	~		*	711	
27 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	1 (1) (2) (3) (3) (4) (4) (4) (4) (4) (4	irripati o	At pumps	Nump. trest and bourseof	o	5	Э	le [*] post	77:	2	E.	2			2	
The second second		Irrichton	A† F1.270 \$	Pump test and power recends		=		n		11	43			_	tut.	
The form of the state of the st	Dames with F	Irrication	Son from the Intuke	Staff page and depth-flow relationship				÷ 0.	114	25	1 2	q	20	2	=======================================	
Los V. 1 Menual Anteren Lytte Tryvin Srith	Lytle Selth	Integrior	Su fret tel av intake	Staff sage and depth-flow relationship	-	0	2	ę	±	1	s		-	*	7.	
Stade of the state	41.13	Irrhoution	A intake	Staff gape and depth-flow relationship				2 7	4	W I	,	-2	7	2	**	
WAS THEFTOTO SELECTIONS	€ 1712c	Infiation	Ly feet tellow intake	otaff var and defth=flum riationship					-7	43 24	1,-47	ų.		,es	113	
Were stratement	druce Hrothers	irriyation	At intake	Staff gaye and depth=flow relation(b)p.	-	- -		y'.	-7	146 155		7		7	4 2.	

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Monthly volve stimpted

Direction settingted for period indicated

No record for period indicated

MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958 TABLE 6 (Continued)

Location Coversion name of Campf (1975) and the control of Cam	Use	measurement or estimate	observation and										_	
			colculation	Jon Feb M	Mar Apr	May Jun	lu.C.	Aug	Sept	0ct	> N) 0 0	Total	Remorks
			LOWER SCO	LOWER SCOTT VALLEY SUBUNIT (Continued)	NIT (Contin	(per								
	er tiger radion.	or feet to a intike	and the second				-					ſ	19.8	
	1	Å1	rologiomalije Potjeoroj					# #			**	_	10	
	F	At 1 vmf	भितानुन कृतम् । स्थानुन स्थानुन । सन्दर्भकृतम्				~		-	**	-	*	th da	
	A property for the con-	At 103 sker	thalf page and lefts low relationship						`				*/.	
	: :	Secretary of the skin	of all Engine orbit for the form						-	2	7	ą	£	
		establishment of the control of	Land of the state						7	Š	2	,	6.3	
		4	forth the war in the latest or the torothe	72.0					4 6 7	114			20	
	· · · · · · · · · · · · · · · · · · ·	48 (1813 180) 1 1 1 1 1	dethermone			=	161		**	1,24	-	-	1,74,0	
The state of the s		4440 144 44 140 140 140 140 140 140 140	otaff oge and depth-flux relationens		5	÷		<u>-</u>	2	-	-	0	ž.,	
			2	McADAM CREEK SUBUNIT	SUBUNIT									
	r (i. da)	4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Mitheracting section and tenth of the section polyton.			785	E P P P	1					200	
			To the control of the										ř,	
		en lent tellin strake	the state and the state of the	1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	!	f 154				1			2.4	

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Marthly value vishimated Oversion estimated for period indicated No record for period indicated

TABLE 6 (Continued)
MONTHLY RECORDS OF SUBFACE WATER DIVERSIONS IN
SMASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958

			Point	Method of						Amount giveried, ill octa-ide						
Diversion	Diversion name or owner	Use	measurement or estimate	observation and	Jon Fe	Feb Mar	Apr	May	L nul	Jul Aug	ig Sept	pt 0ct	Ž	Dec	Total	Remarks
				MCADAM	MCADAM CREEK SUBUNIT (Continued)	SUBUNIT	(Continu	(p.								
3.																
2) 	Year Manage	Irrivation	i fret helow intake	Staff gage and depth-flow relationship		~		187	\$:1	114 - 6	89	τ	9		7	
A 40 A	Husbat, Atamboit	Intiation	I's feet to intake	Staff Juge and Helth-flow relationship		The second	to disable de	66	76	7	92				70%	
A	county of Automorphy of	the Part of the P	At intako	Staff gage and depth-flow			2	611	£	1			0	0	733	
	# A A A A A A A A A A A A A A A A A A A		150 test but w intake	Stuff gage and depth-flow relationship				237	of: ord cri	Ş	m			-	Q	
				¥.	MOFFETT CREEK SUBUNIT	EEK SU	BUNIT									
															_	
7 0 4 5 9 9 9	1. Les der 18 Les Sharins and winhle	Irrivat ton), i mile helva intake	Staff page and dryth-flow relationship				64	27	3	10				55.	
		Irrigation	250 feet below intake	Staff gage and depth-flow relationship		0	0	69	37.	~	0	÷	0	0	106	
The second of the	M. L., Harrid L., Dir.en nod Binnie Dramer	Irrayation, aniostral	%) fret brick intake	Staff gage and desth-flow		N.H.		~	24	10	<i>C</i> -	o o	to 7		25	
. Or Paul Back	P. L., Marrid A., Jamier und Brunie Jewert	Irrigation	150 feet teilme intake	Staff gape and depth-flow relationship		2	0	n	<u>c.</u>	27	0	~	0	0	F-1	
The Pall	M Har ild i harins and Esmose ramer	irrightion	150 feat to in Incake	Staff gare And depth-flow relationship		0	0	র	47	0		0	0	e	57	
$\frac{1}{2} \ f(x) - f(x) \ _{L^{\infty}(\mathbb{R}^{N})} \leq \frac{1}{2} \ f(x) - f(x) \ _{L^{\infty}(\mathbb{R}^{N})}$	والمركابات	Irrigation	10) feet briow intake	Staff page and depth-first			0	79	R	~	9		-		\$	

See remarks.
Worthly volve estimated.
Oversion estimated for period indicated.
Na record for period indicated.

TABLE 6 (Cominued)
MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYOROGRAPHIC UNIT, 1958

	Diversion name		-	Point of	Method at observation and				A	Amount diverted, in ocre-feet	arted, in	ocre-fs	•				Remarks
Staff page and legal-live and live and legal-live and live a			ð	or estimate	calculation	Jon											
Staff page and continued by the continue					a	ARKS CF	S S	UBUNIT									
Starff page and opportions, so a 2,360 1,176 0,21 202 770 69 14,13 27 7,139 Starff page and opportions and op																	
Staff pace and continued by the state of the	Mann-bulke Yeka Tribation, stock- ,2 mile t		.2 mile t	.2 mile bel w intake	Staff gage and depth-flow relationship	হ				360 1,							
Saff gage and depth-flow relationship Staff gage and depth-flow relationship relati	lambel'a C. More Irrivation 150 feet t		150 feet t	150 feet telow intake	Staff gave and depth-flow relationship	0	0	0	ε.								
Staff gage and definition of the control of the con	Aus V. Nelmon Irrivation	fprivation		1	Estimated	?	0	0	0	‡	1		0	0			
Aske Staff sage and 0 0 0 25 38 22 8 25 262 166 15 0 50 118 Staff sage and 0 0 0 0 25 38 22 8 25 262 166 15 0 501 This boundaries are staff sage and control of the staff sage and contr	ids 7. Nelson lripation, stock- 60 feet b		60 feet b	60 feet below intake	Staff gage and depth-flow relationship	0	0	0	17	06	3		0	0	0		
ake Staff Raye and catherina color of 23 38 22 8 25 265 166 15 0 501 ake fatherina catherina ca	Sus V. Nelson Irrivation 30 feet below int		30 feet b	elow intake	Staff gage and depth-flow relationship	C	0	0	75	62	7.7		0	0	0		
Staff page and depth-flow relationship Staff page and dep	dus 7. heison leripation, stock- 20 feet below int watering		20 feet be	low intake	Staff gage and depth-flow relationship	0	0	0	25	38	22						
Staff page and depth-flow relationship Staff page and dep	ins 7. Naison Irripation, stuck- 30 feet believ int	# 16 00 00 00 00 10 10	30 feet bel	low intake	Staff gage and depth-flow relationship		:		~	38	39	13	7	0	0		
Staff kage and depth-flow relationship Staff gage and depth-flow relationship	Harry scheptson lrestion, stork- 5-00 feet telow intake	atork-	530 feet te	low intake	Staff gage and depth-flow relationship		-	#	17	63	78		n				
Staff Rage and depth-flow relationship	Partin W, and Irriyation, atork- 160 feet below intake laura M. Little Walnring Ana W. Animon	atork-	160 feet bel	ow intake	Staff gage and depth-flow relationship	0	0	0	9								
Staff page and dethi-flow relationship water-stage and dethi-flow relationship water-stage and detail and relationship staff page and detail and det	Aprild A. 303 Irrigation, stock- 3.1 mile be. Micure I. Lemos watering Jettien and Jina and Jina and Jina and Jina and Jina W. Hitch.		J. I mile be	low intake	Staff Rage and depth-flow relationship	0	0	٥	23	108							
#Aker-stage 1.846 1,474 0 0 0 0 0 0 0 0 0 3,250	Harid A, and Irrisation J.1 mile b		J.l mile b	mlow intake	Staff gage and depth-flow relationship	1			26		103		60				
Staff page and electrical control of the second of the sec	Unitable Implestion (corporation corporation corporation)	IFFLPAtion		1	Mater-stage recorder and depth-flow relationship	1,846	1,474	С	0	0	0	0	0	0	0		
Staff gage and "	Lateria . Vore Irrivation La feet		Les ford	iss feet telow intake	Staff gage and depth-flow relationship	n n	÷	0	49	\$							
	with/Amilying recent Orithmed frontion, of principle and front of any front to any		AND free.	ity) fret tel x intake	Staff gase and depth-flow relationship) 0 1			24	5	78		99				

^{* * * &}lt;u>#</u> <u>#</u>

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Monthly volue estimated.
Oversion estimated for period indicoled.
No record for period indicoled.

TABLE 6 (Cominued)
MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958

			Point of	Method of			Amount	Amount diverted, in ocre-feet	in ocre	-feet					
Locotion	Diversion nome or owner	Use	medsurement or estimote	observation and colculation	Jon Feb	Mor Apr	Moy	non	jut	Aug	Sept	Oct Nov	ov Dec	c Total	Remorks
				SHAC	SHACKLEFORD CREEK SUBUNIT	K SUBUNIT									
					(No diversions measured)	measured)									
					SOUTH FORK SUBUNIT	UBUNIT									
	And the second s	no strategy	G.B. 1149 below intoke	Staff rate and depth-flow rejationship	-	9	0 70	4.1	59	35	22	* Q	°2	108	263
•	Description and a con-	The state of the s	અફેડાવા જામળી ત્રુલી હ	Staff rare and deth-flow relationship	- -	0	J 230	725	S S	122	82	127	33	1,127	
	5. 4.	implication of the	3.4 milete, maintage	taff pare and depth-flow	¬		- NH-		7.1	19	£	23	~	0	361
e e	5 5 1	*** *** *** *** *** ***	N) feet below intake	Staff pay. And depth-flow		N	N.	1	252	166	141	148	77	53 1,427	
:	U	irr.vat.on, stork- .ateriog	1. Seet thiomagnease	btaff gayw and depth-flow relationship	-	0	150	124	77.	130	173	219 1	Ë	90 1,142	.2 meported total includes an estimated 43 acre-feet that was spilled during October and November below the point of measurement.
•			alte helow intare	Staff Fare and depth=flow relationship	0	0	0 100		83	\$	977	901	28	5	082
*		Imparataling of the same and th	alt fort by a tituice	Staff Pare and depth-flow		Nri		110	92	26	=	93	133 1	150 1,356	9
8	Grand Andrews	The second of th	(2) feet tot withhere	Staff rare and lentalionality	7		0 10	20	71	~	1	0	2	0	35
				S1	STEWART SPRINGS SUBUNIT	S SUBUNI	F								
ė.	the second of th	u-110677417	e sa free below intoke	Staff rage und setth-flow relationship	4 6 7 7 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	104	28 104	70	88	376	53	16	п	, or	867
	ما يا عالم المرابعة	Action Control	in fact balon intaka	Staff gage and depth-flow relationship	-		10 74	51	\$6	45	8.7	73	10	01	393

See remarks
 Worthy addressimated
 Diversion estimated for period indicated
 No record for period indicated
 No record for period indicated

TABLE 6 (CONTINUED)
MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958

			Paint of	Method of				Amou	nt diver	red, in	Amount diverted, in acre-feet						
Diversion	Diversion name or awner	Use	medsurement or estimate	abservation and colculation	Jan	Feb	Mar Ag	Apr Moy	y.	ان ا	A	Sept	000	202	Dec	Total	Remarks
					WEED	WEED SUBUNIT	_										
F . H & H																	
138.44-611	International Faper Company	International fager Irrivation, stock- longary	10 fret belies intukn	oraif rage and depth-flow		-	c.	0	end.	1.,	74. 59	16	2.	36	01	, T.	
418 48-19E1	Southern Pacific Joneany	Irrigation, domestic	ծե րսար	hump trat and powre records	-	rs.			Ψ,		6		,			Ę	
41N/5W-181	International Paper Influstrial	Industrial	At intake	Lstimated					-			- 0 - 0	# # # #	1 6	i i	0.00	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
418 cm-1H.	International Paper Company	International Paper Treisation, stock- Gospany Materin	150 feet below intake	oraff gare and depth-flow relationship	0	0		90	17 1	2	6.3	<i>\$</i> 200		*	-2	÷	
Alb. Wells	International Paper Intigation, Company antering	Irrigation, Stock-	1) feet hold stable	Staff pare and depth-flow				ec	7	60	.7 .11	Ä	ž m	ź	*75	₹.	
TEC-85, MI7	Fate Salanti	lrrigation, stock- water,ny	art fort telve intuke	Staff page and depth-flow relationship				54	99 1:5	5 111	147	3	€		ž.	1600	Amount for positive little sides of the fit his form of from the fit his form of from the fit his fit.
CASC-May No.	International Paper commany	Contract to the contract of th	At pump	Nump test and power records					3 5	4	13 45	k,	T.			÷.	
TGE-M., NI7	Mike Beleastro	Teripolism, at ck-	1	Est (mat est				-	I I I I I	,						<u></u>	
1.8 7-M-5-11.19	Flowd Barnum, William H. King, John C. and	lrrightion, stock-watering	10) feet below intake	Staff gage and depth-flow relationship	-	0		0	3 174		47 114	7	216	(99)	0	R-18	
185-m 8-3	Stuart Marsond	Innipation, atuan	for few below intake	betimated						0.00				1	1	Ę	
1 d 2 - M 2 B, a so	Stuart Harmond	Letter ton, 1° order *1° retins	S. Chert Sec. w. attable	SHEETING HEE	# # # #	* * * * * * * * * * * * * * * * * * *		F	The state of the s	4		0 t t t t t t t t t t t t t t t t t t t	To financia dia manda dan A			-,	
4 4 4 13 13 13 13 13 13 13 13 13 13 13 13 13	Activity Hamps n.s.	Lie Taller Balan	Lightered for an intake	Staff rure and defth-flow relationship					Ţ.,	1 1/4.	4	English of the Control of the Contro	5. 2	į		į	
7 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	5		fortion of there	Staff gage and depth-flow relationship				3.6	en e		aks: al				5	ę.	
T 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	SANCHER LERGY TOPER	Triples . B. of . K.	At intake	Warer-stape percepter and depth-flow relationship				74 1,480		\$ 1 1	4,8 1,674 1,192	4 = 1 1 = 1 0 = 0 0 = 0	176	Ĭ	Ţ-	11.4.1	

^{• • • &}lt;u>a</u>

See remarks Monthly value estimated Diversion estimated for period indicated No record for period indicated

TABLE 6 (Continued)
MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958

			0	2004				Amour	diver	ed, in o	Amount diverted, in acre-feet						
Diversion	Diversion nome	Use	Heosurement or estimote	observation and	Jon	Feb Mor	A Apr	Moy	Jun	Jo J	Aug	Sept	000	ò	Dec	Totol	Remarks
				WEI	WEED SUBUNIT (Continued)	IIT (Con	(penul										
36																	
7	◆ .tht Harmond	*rrikation	sO feet helow intake	Staff gare and depth-flow relationship	٥	0	0	0		0 82	91		0	H22	110	8	
4. A	ther H. and iner Hary Welline	Irrivation, stock- watering	O feet helow intake	Staff gage and depth-flow relationship	0	0	0	2 38		41 30	29	\$,	2	97	S.	,	~
2 2 8 6 0 7	clear H. and Inez Hary Me.Sne	Immikation, stock- watering	120 feet below intake	Staff pape and depth-flow relationship	9	0	69 9	C7 6		17 58	\$	<i>\$</i>	50	-4			
Some Arm	Simer H. and Iner Mary Weline	Irrivation, stock-	150 feet below intake	Staff page and depth-flow relationship	Э	9	0	0 44		41 5	36	ନ୍	1.7	gr.	م ل پار	ž.	
10 commercial	irer H, and irez Mary Melline	irragation	150 feet telow intake	Staff page and depth-flow relationship	0			4 35		44.	G.	94	5.4	15	0	***)1	
115 m-125	Frank and Maria Howith	Irrigation, stock- watering	130 feet telow intake	Staff gage and depth-flow relationship	n	-	10	17 00		N 65	115	0.44	34.	5.		36.7	
41% 'e-lhbl	Lint Harmond	Irrigation	100 feet below intake	Staff gage and depth-flow relationship	٥	0	0 1	14 82	1.7	5	17.5	010	117	130		8333	
10 mm	Leight Harmond	Irriection	100 feet helm intake	Staff gage and depth-flow relationship		:		30° 148	152	2 67	577	577	5.5	37	4.00	Tit)	
100 to 10	Perturate arechaton	Irrigation, stock-	60 feat tainw intake	Staff page and depth-flow relationship			~	0 128		96 73	\$	14	.*			141	
414/2m=17FT	owlight and Stuart Harmond	Irrivation	20 feet telow intake	Staff gaye and depth-flow	0			88 537	7 354	4 4.86	181		44 Hz		-	1,760	
6 1 5 Car 17 2 3	Allen Tupper	Pover, domestic, et.ckvatering	8 8	Estimated	6 6 6 1								8			, p 12/6 3	
41N.5A-21A1	Homer Murphy	Irrigation, stock-	200 feet below intake	Staff gage and depth flow relationable				13 245		155 145			8			353	
43875W-23A2	Might Hamond	Irrigation	2) feet below intake	Staff gaye and depth-flow relationship			-	12 73		56 184	- - - -		35 0	0		510	
41N/ **-21C1	Swight Harmond	Irrigation	1,7: feet below intake	Staff gaps and depth-flow relationship			0	2	7	4p 4pp	ô		0	2	0	Fra	

See remarks
Monthly value estimated

Diversion estimated for period indicated

No record for period indicated

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MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958 TABLE 6 (Continued)

			9000	, o codes				Amount diverted, in occe-feet	diverted	יח סכרנ	-1001						
Diversion	Diversion name of owner	Use	medsurement or estimote	observotion and	Jan Feb	No.	Apr	Мау	Jun	اد	Aug	Sept	000	No.	Dec T	Total	Remarks
				WEE	WEED SUBUNIT (Confinued)	(Confinu	Ŷ										
	Promonth 4th	Implican	's free below intake	Staff gage and depth-flow relationable	0	0	0	10	337	581	66%	212	~4	0	0	1,440	
1917-05 5-6	operate unitables	Irrigation, which was was entropy	5. fert below intake	Staff gage and depth-flow relationship	0 0 0 0 0	106	68	138	144	130	79	77	ਕੁੱ	16	1000	1,159	
	Activities of the second	THE TOTAL TO SERVICE STREET	At intake	Staff gage and Jepth-flow relationship	0	0	2	4,1	2	37	£ 3	35	30°	0	5	236	
	necho,	Irrivation, on, whother	Les frat halva intake	Staff Page and depth-flow relationship	0 (0	٥	2,5	81	10	58	108	*	0	0	367	
:		- North to the date	!	katımated				0	1	# # # # # # # # # # # # # # # # # # #						8	
÷		A Selection of the sele	,2 mile thing intoke	Staff kage and depth-flow relationship	1 3 44 5 5 8 8 8 9 9	63	4741	88	100	99	120	8	29	0.7	9 07	715	
		e	.) free tr. w intake	otaff gage and depth-flow relationship	9	. 12	5	~	15	13	77	7.7	00	ØC .	10	124	
1 1 1	of drivery	Servation of	1	Estimated	0	0		8 8	8 8 6 7	-	-			0	0	30	
	Government of the same Co.	irrivation	1	Estimated	0	0	0		and control of the second of t				ļ	0	0	10	
	M km selndaten 3. i. md kaisee i. Zidricksin	Jemination, atrok- wateriny	Sol feet below intake	Staff gape and depth-flow relationship	0	0	0	38	3	17	53	12	36	16	6	187	
4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2, wy H, is and explan Co.	lerivation di ka	300 feet below intake	Staff gage and depth-flow relationship		8	19	19	Ş	95	78	99	29	35	30	758	
4 18 18 18 18 18 18 18 18 18 18 18 18 18	₹ 1	G. Tarathar	At 11º aben	Staff page and depth-flow relationship	0	0	2	72	\$	8	-3	sc sc	13	0	0	116	
	, , , , , , , , , , , , , , , , , , ,	Territor of the term	. Luile below intake	Taff gage and legth-flow relationship	0	0	0	32	45	15	3*	N	∞,	2	0	158	
2	A. 1. Hog	Ire sat	To foot bed in intake	Staff gage and depth-flow relationship		- 79	36	83	102	52	73	22	31	90	8	612	

See remarks Maninjy value estimated Oversion estimated for periad indicated No record for periad indicated

MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN SHASTA-SCOTT VALLEYS HYOROGRAPHIC UNIT, 1958 TABLE 6 (Confinued)

			Point of	Method of			Afric	100	Amount diverted, in dere-teet								
Location	or owner	Use	measurement or estimate	observation and calculation	Jon Feb	Mo,	Apr M	May Ju	luc nuc	l Aug	g Sept	ot 0ct	No.	Oec	Totol	Remorks	
	•			×	WEED SUBUNIT (Continued)	(Continue	(9)										
*																	
C 4	W. Below in the Latest	A La Caraca de C	9 1	Estimated				1	-	1					091		
		7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	.stimaled	1			1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1	6 1 1 1				9		
	users an density of a service and a service	der begran	s, or finel by a proper	Staff ware and depth-flow relationshire				2		2	α	6			\$		
e		Impression, store-	of fret below intuber	Staff yaw and depth-flow relationship	0			465	75	775	22		21 19		30,5		
4	Ferran A solition	The Section of the second seco	. Olicher wirthake	Staff pare and depth-flow relation hip	2	4 C4	23	£	7	£		4 6	- S		5,° 775		
10 mg 4 mg	The is accordance. The is a state.	Innigation, stock- Watering	bu feet below intakr	Staff gage and depth-flow relationship	=			777	8	124 1	103	4 50	0 07		0 472		
	in a constant Near (Fridation	irr.var.on	b) from to the intake	Staff Rage and depth-flow relationship	0	-	100	7**	63	9,	£	٦ 2	0 55		0 273		
, et	מאאינגטט יי אינאקלי	ire,gat.oh, stock~ Ms***InF	m) feat below intaka	Staff gage and depth-flow relationship	5	0	0	0	~	-7	ส	86	50 93	147	255		
1	Frightion from News Territor	Immation	- 10 July - 10	Staff gare and depth=flow relationship	÷	0	0	250 - 7	453 1	136 1	187	98	388 0		5 1,4497		
	10 kg	FRE_200 - 100 - 11 - 124 - 114 - 124	जन्म कृष्टिमा मार्गिक विकास है। क	otaff Rupe and Septh—flow relationship	7	0	0	20	6.7	7	£	19	0		063		
7	The Approximation of the Control	Important victor	A Charletta Waldbare	Scaff page and degableflow relationship				- FR	252	ž	355	127	133 74		70 1,421		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Production of the state of the	Triputation, st. r-	To the transminister	Staff care and drpbh-flow relationship			٦	71,	1 16		52	3	7		28° 4.95		
A	the formal of the state for the second		21 - Proof English 1382/Advis	Staff Fage and impth-flow relationship	-		ž,	797	222	5° 23	1.33 L	L.1	21.8 74		0 1,210		
1	errolls, and errolls	Impress specifical	to free below incare	Staff gave and depth-flow relationship	o o		٥	11	16	51	78	2	о С		0 114		

See removes.
Monthly value extrinated.
Diversion estimated for period indicated.
No record for period indicated. • • • ¤

TABLE 6 (Continued)
MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958

(Point of	Method of			Amour	Amount diverted, in ocre-feet) o u i 'pa	are-feet							
Diversion	Diversion nome or owner	Cse	measurement or estimate	observation and	Jon Feb	Mor	Apr Moy	y Jun	, a	Aug	Sept	0ct	Ž	Dec	Totol	Remorks	
				*	WEED SUBUNIT (Continued)	Continued	_										
2																	
4-13 - M- 13h1	Harry Letter Alma Meal Laverne W. Marker Ernent E. and	Irrivation	1>) fant below intake	Staff gage and depth-flow restationship	9		18to 44.7	7. 4.31	292	É	2	R ₄ L	77	- (F)	5,519		
180 B	Harry Lemin	Terrentia, at the	in fact below intake	Staff pape and depth-flow Felutionship	9			. 3 47	-	130	2	-			\$ -1		
Action of the last	Marry Len of carried and lorothy %, Solum	Irrization, store- watering	JKI feet he. w intake	Staff page and depth-flow relationship			-	21 17	Ê	a la	Î.				Liver.		
AND SHELLING	of the delivery	Irrisation, stark- Watering	:	Ext. linat ed	9		-		1	0		1		2	(k, 2,		
4 - 1 - 10 F - 40 - 10 - 10 - 10 - 10 - 10 - 10 - 10	called the sector of the sector of	irribation, otherital	:	ton that wil	2 E C C C E E E E E E E E E E E E E E E			W U						-	3		
4.38 ° W- 30.41	Thus we will like the Wigh	freezontion, at the machine	is fower to law intraken	Staff range and depth them relationship			-	÷	ţio.	ś	÷.	÷0	÷.	-	37.2		
7. A	Friend Applied	ing sain no atous matering	til fort to, w intake	Staff pure and dayth-flow relationship	4.	T Bid	12s 12s	He2 1.27	110	10.5	117	3	2		4. 14.6		
18 18 18 18 18 18 18 18 18 18 18 18 18 1	And Calden - And St.	Immigration, introde- watering	3 x1 fort to, w 17teke	Staff page and depth-flow relationship	G 30	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	95. 18	184 177	15	141	165	5. 1	ž	, Q.	L**.*-		
THE R. WILL	John H. arrellie	Inglestion, stock- withering	to feet tectow inture	Staff pase und depth-flow relationship					4	-	^4				7 7		
Spirit - M Mills	e 1	TABLE OF STREET	1. (ver tel w 109 Ake	Staff gase and forthelism releationship				~	1.6	*	÷			-	7.		
				,	WILLOW CREEK SUBUNIT	SUBUN	<u>+</u>										
		· .	is frette, or intake	otaff one and one one onether							4416	ξ.	-	Ž.	1.1.030		
	to continue de la con		L. Diet teile Entake	Staff sogs and desth-fism			7 5	5	Ę,		~		: 4				
2007	See remarks																

See remarks.
Monthly value estimated.
Diversion estimated for period indicated.
No record for period indicated. • • • ¤

TABLE 6 (Continued)
MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958

				Point of	Meibod of				Amon	nt diver	ed, in c	Amount diverted, in ocre-feet						
	Diversion	Diversion name or owner	Use	measurement or estimote	observotian and							Aug	Sept	000	ò		Total	Remorks
Part																		
					WILLOW	CREEK	SUBUR	IT (Cor	(penulu									
	2 .				4												j	
	3 5 Table 15	Cooper District	CO MARCO	وهائما وداوه الموادة	otall gage and degth-flow relationship												*	
	10 P 1 P 1 P 1 P 1 P 1 P 1 P 1 P 1 P 1 P	15.44.	C (otaff gage and depth-flow relationship	0								Ę	2	7	762	
Principle Prin	Mary Mary Mary		lrrigation	feet	Staff gage and setth-flow relationship	0	0								8)	423	
	7 C A - M 4 PC +	E, 100 100 100 100 100 100 100 100 100 10	ierrvation	S) fort bri: 4 intake	Staff yage and depth-flow relationship	p	2								7		30%	
	A STATE OF THE PERSON OF THE P	_	Irrhation	500 fret below intake	Staff page and depth-flow relationship	0	0	0							Э	0	177	
Propertial Epoches Irrigation, stock- At intake Stiff Reger and companies Companies Irrigation Stock- Stock Stiff Reger and companies Irrigation Stock- Stock Stiff Reger and companies Stock- Stock- Irrigation Stock- Stock- Irrigation Stock- Stock- Irrigation Irrigation Stock- Irrigation Irrigation Stock- Irrigation Irrigation Irrigation Stock- Irrigation Irrigation Irrigation Stock- Irrigation Irrigation Irrigation Stock- Irrigation I	1057-E 1077		Irrivation	d) feet below intake	Staff gage and depth-flow relationship	0	o	0	# # # # # # # # # # # # # # # # # # #			1 1 1 1 1	0		С	0	\$2	
Statistic block Industrial, Section Statistic block Statis	TOTALLINES	Venengall Brothers	lrrigation, stock- watering	At intake	Staff page and depth-flow relationship	0	0	0	0					^	0	0	*	
Select Industrial, Amentic Content briow intake Staff page and watering Column Column	635 74-1H.	Merseral Drotrers	Irrigation	SU feet below intake	Staff gape and depth-flow relationship	٥	0								0	0	11	
Estimated Estimated Compared Compare						YREKA (REEK	SUBUNI	⊢									
Trityation, stock- 20 feet below intake Staff page and 0 0 0 53 57 17 3 0 0 0 0 105	186-W/W.	Shantaalte block Josephy	Industrial, impostic	1	Estimated						•	8 8 8	i i				10	
Irrigation, stock- 30 feet below intake 34aff sage and 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	286-M2/MAL	Ernost and Zelma	Irrigation, stock- watering	20 feet below intake	Staff page and depth-flow relationship	0	0	~			7				0	0	\$01	Source dry 7/16/58.
	1387-W-1381	¥	Irrigation, stock- watering	30 feet below intake	Staff rege and depth-flow relationship	0	0	0	9	2*	-				0	0	19	
Irripation, stock- 100 feet balow intake Staff suprand 0 0 0 3 5 13 43 36 11 0 0 0 0 0 minimizer recent 100 feet balow intake 110 feet balow intake 100 feet b	N/74-10H1			29) feet below into.e	Staff page and depth-flow relationship	0	0								0	0	168	Source dry 8/2h/58.
	448/74-11P1	Fen Brazio	Irrigation, stock- watering, recrea- tion	100 fret telow intake	Staff page and depth-flow relationship	0	0	0	8						0	0	111	

Sae remons
 Muchity you'ld west-mailed
 Substitution estimated for period indicated
 NR -- No record for period indicated

MONTHLY RECORDS OF SURFACE WATER DIVERSIONS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958 TABLE 6 (Continued)

The content of the				Point of	Method of		Αm	Amount diverted, in ocre-faet	irted, in	ocre-fee							
The control of the	Diversion	Diversion nome or owner	Use	medsurement or estimate	observation and calculation	Feb	Apr								tal	Remarks	
Continue				-	YREKA	CREEK SUBUNIT (Confinued	~									
Part Continue Co	**																
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Department
of Water
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Gaging Statio
"Etna Creek
Near Etna"



Watermastor, Measuring Fl in Shasta Valley

Index to Surface Water Diversions

An alphabetical index of diversion names and owners is provided at the end of this chapter in Table 7. This table gives the diversion location number, the subunit, and references to the sheet number of Plate 2 and page numbers where pertinent data appear.

Imports and Exports

Surface water was imported to the Shasta-Scott Valleys Hydrographic Unit through the Hammond North Fork Ditch (41N/5W-34Ll, point of entry into Shasta-Scott Valleys Hydrographic Unit) from the Shasta Lake Hydrographic Unit. A total of 1,558 acre-feet was imported during 1958. No surface water was exported from the unit.

Consumptive Use

Consumptive use of water is defined as water consumed by vegetative growth in transpiration and building of plant tissue, and by water evaporated from adjacent soil, from water surface, and from foliage. It also includes water similarly consumed and evaporated by urban and nonvegetative types of land use.

In the Shasta-Scott Valleys Hydrographic Unit, the largest consumptive use of applied water is for irrigated agriculture. Based on land use surveys presented in this bulletin, and on the unit consumptive use values given in Department of Water Resources Bulletin No. 83, "Klamath River

Basin Investigation", the total consumptive use of applied water during 1958 is estimated to have been 42,820 acre-feet, of which 39,430 acre-feet were used for irrigated agriculture, 1,760 acre-feet for domestic and municipal purposes, and 1,630 acre-feet for industrial purposes in the production of lumber, plywood, and other wood products. The consumptive use of water involved in the production of power and for mining purposes is negligible and consists primarily of evaporation from canal surfaces.

Significant increases in the unit consumptive use values are indicated on the basis of research now underway in the Department. Revision of the above estimates are not considered to be warranted until these studies are completed and the new values adopted. As a later phase of this investigation, estimates of future water requirements will be made utilizing the new values.

TABLE 7
INDEX TO SURFACE WATER DIVERSIONS SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversian name	Diversion		R	eferences
or owner	lacation	Subunit	Plote 2 Sheet No.	Text and appendixes Page No.
Aderholt, Hugh W.	կկո/9w-13n1 կկո/9w-2կD1	McAdam Creek McAdam Creek	7† }	60, 98, 159 60, 98, 159
Aker, Henry and May	41N/9W-28C1	Callahan	13	30, 83, 139
Alexander, Frank Wellons, William	42N/5W-28E1	Weed	12	71, 104, 140, 166, C-16
Alger Ditch Duffy, Hugh Moore, George E. Sudderath, Clifford	40N/8W-17J1	Callahan	16	28, 82, 137
Allen, Don	(See Musgrave and	d Linton Ditch)		
Antonio Ditch Araujo, Domingus B. and Manuel B. Fiock, Earl B. and Mildred O. Fiock, Henry	45N/6W-20Q2	Little Shasta	2	53 , 9h , 155
Araujo, Domingus B. and Manuel B.	(See Antonio Dita	ch)		
Ashburn, Bertha A.	42N/7W-25Cl 42N/7W-25Dl	Willow Creek Willow Creek	11 11	75, 106, 168 75
Babcock, Martin and Soule Ditch Day, Frank R. and Margaret S. Haight, Mattie A. Lane, Oliver P. and Lois H. Miller, LeRoy and Marion Shelley, L. L. Soule, Ella D.	45N/5W-25B1	Little Shasta	3	50, 93, 153
Ball, C. A.	41N/9W-10G1 41N/9W-11E1 41N/9W-11F1 (See North Fork 1	Callahan Callahan Callahan Ditch UNN/9W-21N1)	13 13 13	29, 82, 138 29, 138 29, 138
Ball, C. A. Berthelsen, V.	41N/9W-15A1	Callahan	13	29, 82, 138
Ball, C. A. Richman, R. E.	41N/9W-10R1	Callahan	13	29, 82, 138
Ball, C. A. Richman, R. E. Green, H.	41N/9W-15L1	Callahan	13	29, 83, 138
Ball, C. A. Fowler, C. C. Fowler, H. R. Halliday, W. J. Richman, R. E. Timmons, J. T. Tuttle, R. B.	41N/10W-26K1	South Fork	13	66
Barker Ditch Huddle, Thomas V. Johnson, J. C. Kellems, F. I. Maplesden, C. V. Orr, A. D. Taylor, Ray Walker, Vernon	43N/10W-35R1	Etna	7	42, 89, 147

TABLE 7 (Continued) INDEX TO SURFACE WATER DIVERSIONS SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion nome	Diversion			References
or owner	Location	Subunit	Plate 2 Sheet No	Text and appendixes Page No.
Barnam, Floyd King, William H. Mazzini, John J. and Lillian M.	41N/5W-4F1	Weed	15	67, 101, 160, 163
Barnes, Glenn LaFevers, D. H.	40N/9N-11J1	Callahan	16	2d, 82, 137, C-15,C-1
Barnes, Glenn Fisher, H. A. LaFevers, D. H. Wolford Brothers	41N/9W-25F1	Callahan	13	30, 83, 139
Belcastro, Joe	42N/5W-35L1	Weed	12	73, 167
Belcastro, Mike	41N/5W-3D1 42N/5W-35A1 42N/5W-35B1 42N/5W-36B1	Weed Weed Weed Weed	15 12 12 12	67, 101, 163 73, 105, 167 73, 105, 167 73, 105, 167
Beleastro, Mike Vidrickson, H. L. and Louise C.	42N/5W-25P1	Weed	12	70, 103, 165
Bemrod, Harry M. and Martha B. Byers, Walter L. and Barbara B.	41N/9W-32A1	South Fork	13	65, 139
Bergar.	(See Richman,	R. E.)		
Bergsnyder, L. B.	40N/9W-25J1	South Fork	16	65,100, 162
Berthelsen, V.	(See Ball, C.	A.)		
Big Springs Irrigation District	43N/5W-3R2	Dwinnell Reservoir	9	32, 84, 141, D-3
Bigham, Ernest	42N/9W-16E1 42N/9W-17H2	Etna Etna	10 10	140, 88, 1146 140, 88, 1146
Bigham, Margaret	42N/9W-17M2	Etna	10	40,88, 146
Birdwell, C. W.	40N/9W-1R1 40N/9W-11Q1 40N/9W-12F1 40N/9W-12F2 44N/9W-31C1 44N/9W-31D1	Callahan Callahan Callahan Callahan Lower Scott Valley Lower Scott Valley	16 16 16 16 14	28, 137 28, 137, C-15 28, 82,137, C-15 29, 82, 137, C-15 57, 96, 157 57, 96, 157, C-17
Brahs, Frank	(See Huesman I	Diteh)		
Brazie, Ben	44N/7N-11P1	Yreka Creek	5	76, 106, 169
Bridwell, Frnest	42N/6W-24HI	Parks Creek	11	63, 99, 149, 161
Brown, Josephine Culp, B. R. Fayne, Larue Tebbe, Albert	45N/JM-59TS	Yreka Creek	2	78, 107, 170
Trom, Myrtle and Istate of Ira E.	(See Musgrave	and Linton Ditch)		
ruo, Mer e	444/10W-25C1	Lower Scott Valley	-}	58, 96, 157
Tras , Merle 1 alem Prothers	0341/10W-0,F1	Lover Pott Valley	I_{\bullet}	58, 96, 157

Diversion name	Diversion		References		
or owner	lacation	Subunit	Plate Sheet		
Bruinsma, Samuel	13N/6W-2F1 13N/6W-2L1 13N/6W-11B1 13N/6W-11G1 111N/6W-26C1 111N/6W-26M1 111N/6W-35 E1 111N/6W-35E2	Grenada Grenada Grenada Grenada Grenada Grenada Grenada Grenada	88885555	ևկ ևկ, 91, 1և9 ևկ, 91, 1և9 ևկ, 91 և6, 150 և6, 92, 150 և7, 151 և7, 92, 151	
Buell, W. E.	(See Musgrave and	Linton Ditch)			
Burgess, C. E.	45N/7W-10R1	Yreka Creek	2	77, 107, 169	
Burton, Burnell	14N/10W-35B1 14N/10W-35C1	Lower Scott Valley Lower Scott Valley	14 14	58 58, 97, 158	
Burton, Burnell Burton, Ed Pearson, Casey	44N/10W-35P2	Lower Scott Valley	4	59, 97, 158	
Burton, Ed	(See Burton, Burn (See Freitas Ditc				
Burton, Ed Pearson, Casey	44N/10W-34K1	Lower Scott Valley	4	58, 97, 158	
Burton, Fred W.	հետ/7w-5L1 հետ/7w-5c1 հետ/7w-5c1 հետ/7w-7J1 հետ/7w-7R1 հետ/7w-8c1 հետ/7w-8c1 հետ/7w-8c2 հետ/7w-8c3 հետ/7w-8c4 հետ/7w-8c4 հետ/7w-8c4 հետ/7w-8c4 հետ/7w-8c4 հետ/7w-8c4	Yreka Creek	555555555555555	75, 168 75, 168 75 75, 168 76, 168 76, 168 76, 169 76, 169 76, 169 76, 169 76, 168 76, 168 76, 168 76, 168 76, 168	
Byers, Walter L. and Barbara B.	(See Bemrod, Harr	y M. and Martha B.)			
Caldwell, Willard R.	42N/5W-34K1	Weed	12	73, 167	
Camp Ditch U. S. Bureau of Indian Affairs; Quartz Valley Indian Reservation	43N/10W-10E1	Lower Scott Valley	7	56, 95, 156	
Campbell Lake R. A. Folendorf	42N/11V-34F1	Shackleford Creek	7	61,	
Carpenter, Fred	42N/6W-3R1	Grenada	11	43, 90, 148	
Cawley, Laura	43N/5W-20B1 h4N/7W-4K1	Parks Creek Yreka Creek	9	6h, 161 75, 168	
Chester, Henry	43N/10M-2Kl	Lower Scott Valley	7	55, 156	
Chester, Henry Tozier Brothers	4411/10%-35P1	Lower Scott Valley	1,	59, 97, 158	
Clement, Mrs. Bertha	45N/6W-8F1	Little Shasta	2	52, 154, D-7	
Clement, Paul	45N/6W-8A1	Little Shasta	2	52, 154	

TABLE 7 (Continued) INDEX TO SURFACE WATER DIVERSIONS SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Diversion name	Diversion	Diversion	References		
or owner	location	Subunit	Plate 2 Sheet N		
Cliff Lake R. A. Folendorf	42N/11W-33R1	Shackleford Creek	7	614	
Cloak Lake Drummond, Charles T. and Ellen B.	44N/5W-20J1	Dwinnell Reservoir	6	34, 85, 142, 150, C-17	
Cody, Mae Carrick	(See Crooks, Cec	ile Carrick)			
Connick, Harris R. and Edyth R.	45N/4W-3OK2 (See Haight, Det	Little Shasta er, and Kegg Ditch)	3	49, 152, C-16	
Connolly, Ples	41N/5W-9G1	Weed	15	67, 101, 164	
Coonrod, Donald and J.	1411/1M-58MI	Dwinnell Reservoir	6	34, 85, 142	
Cort, William E., Jr. and Sons	(See More, Isabe (See Parks Creek				
Cory, William M. and Elsie E.	41N/9W-22P1	Callahan	13	30, 83, 139	
Cory, William M. and Elsie E. Green, H. Mason, John H. and Eleanor	41N/9W-28B1	Callahan	13	30, 83, 138, 139	
Costa, Frances	հետ/8w-22Ll Կետ/8w-26Fl Կեм/8w-27Ll	McAdam Creek McAdam Creek McAdam Creek	5 5 5	59, 158 59, 158 59, 159	
Costa, Frances Deas, Joe Victor, L. F.	ևևN/8W-27G1	McAdam Creek	5	59, 159	
Cramer, Fred	43N/8W-2K1 44N/8W-36N1	Moffett Creek Moffett Creek	8 5	60, 98, 159 61, 98, 160	
Cramer, M. L., Harold L., Charles and Bonnie A.	43N/7W-18G1 43N/8W-12K1 43N/8W-13G1 43N/8W-13G2	Moffett Creek Moffett Creek Moffett Creek Moffett Creek	8 8 8	60, 98, 159 60, 98, 159 60, 98, 159 60, 98, 160	
Crechriou, Gertrude	41N/5W-17F1 h2N/6W-19M1 h2N/7W-2hR1	Weed Willow Creek Willow Creek	15 11 11	69, 102, 164 74, 168 75, 106, 168	
Crechriou, John	MW/9M-55NJ	Lower Scott Valley	14	57, 96, 157	
Crooks, Cecile Carrick	4211/5W-36H1	Weed	12	73, 105, 167	
Culp, B. R.	(See Brown, Jose)	ohine)			
Custer, C.	(See Wright and)	Fletcher Nitch)			
Custer, C. Rose, George	43N/9W-8B1	Lower Scott Valley	7	54, 156	
Lamren, Howard	42N/6W-16T1 42N/6W-17K1 42N/6W-17L1 42N/6W-17N1	Grenada Willow Creek Willow Creek Willow Creek	11 11 11 11	143, 148 74, 149 74, 149, 167 74, 167	
lammen, James	12N/6W-7G1	Willow Creek	11	74, 167	

Diversion name	Diversion			References
ar owner	location	Subunit	Plote Sheet	
Dangle, Josephine, et al.	43N/10W-11C1 43N/10W-11K1 43N/10W-11Q1	Lower Scott Valley Lower Scott Valley Lower Scott Valley	7 7 7	56, 95, 156, 157 56, 96, 157 56, 96, 157
Danielson, H. Jorgen and Elinore	40N/9W-5K1 41N/9W-33R1	South Fork South Fork	16 13	64, 100, 137, 162 65, 100, 162
Darbee, Andrew L.	43N/9W-15K1	South Fork	16	65,138, c-15
Davidson, B. F.	43N/9W-11M1	Etna	7	42, 147, C-17
Davidson, Charles S. and Dora	41N/5W-3C1	Weed	15	67, 163
Davidson, W. T. Star Ranch, Inc.	43N/9W-2G1	McAdam Creek	7	59, 97, 147, 155, 163
Davis, E. Orlo and Margaret A.	կևn/կw-կ≒1 կևn/կw-5к1 կևn/կw-5L1 կկn/կw-5L2 կ5n/կw-30к1	Little Shasta Little Shasta Little Shasta Little Shasta Little Shasta	6 6 6 3	47, 151 48, 152 48, 152 48, 152 49, 153
Davis, E. Orlo and Margaret A. Walters, Larry	ևևN/LW-5J1	Little Shasta	6	47, 152
Day, Frank R. and Margaret S.	(See Babcock, Mar (See Musgrave and	tin and Soule Ditch) Linton Ditch)		
Teas, Joe	(See Costa, Franc	es)		
Denny, Susie N., et al.	41N/9W-13E1 41N/9W-2hF1	Callahan Callahan	13 13	29 30 , 139
Depew, Kenneth	42N/9W-33E1	Etna	10	41, 89, 147
DeRose, Joe	45N/8W-24R1	Yreka Creek	2	79, 107, 170
DeSozo, Tom	(See Huesman Ditc	h)		
Dodson, Bob E.	45N/7W-30R1	Yreka Creek	2	78, 107, 170
Doren, John L.	կկn/6w-3Rl կկn/6w-կJl կկn/6w-կRl կկn/6w-11L1	Grenada Little Shasta Little Shasta Grenada	5 5 5 5	45, 91, 150 48, 93, 152 48, 93, 150, 152 45, 91, 150, 152
Dreyer, Anna	(See Musgrave and	Linton Ditch)		
Drummond, Charles T. and Ellen B.	hhm/5W-1991 hhm/5W-20M1 hhm/5W-20P1 (See Cloak Lake) (See Salt Lake)	Grenada Grenada Dwinnell Reservoir	6 6 6	45, 150, C-18 45, 150, C-18 34, 45, 150, C-18
Dudley-Parker Ranch	414/8W-23C1 414/8W-23C2 414/8W-34A1	Hast Fork East Fork East Fork	1), 1), 1),	35, 144 37, 145 38, 145
Duffy, Hugh	(See Alger Ditch)			
Dwinnell Reservoir Montague Water Conservation District	h3N/5W-25L1	Dwinnell Reservoir	Ģ	33, 45, 1h2, 151, 153, 154, C-16, C-17, D-7

Diversion nome	Diversion			References
or owner	location	Subunit	Plote Sheet	_ , .
rastlick, James	44N/10W-21J1 44N/10W-28A1	Lower Scott Valley Lower Scott Valley	1,	57, 96, 157 58, 158
Edmonds, Alfred C. and Viola M.	45N/4W-19L1	Little Shasta	3	48, 93, 152
rdson-roulke Yreka Ditch Company	41N/5W-6D1 41N/5W-9P1	Parks Creek Weed	15 15	61,99,148,160,2-3,D5 68,101,148,150,160, 164, D-3, D-4, D-5
	42N/6W-10G1	Grenada	11	43,D-3,D-4,D-5, D -6
kstrom, Roland	hhi/6W-1hal	Grenada	5	45, 91, 150, C-16
tna, City of	41N/9W-6J1	Etna	13	20, 39
etna Mill Ditch Nagner Brothers	42N/9W-32R1	Etna	10	41, 89, 146
armers Ditch Company	1,0N/9W-1J1	Callahan	16	28, 82, 137
Fincher, Aron	444/9W-28H1 444/9W-28R1	Lower Scott Valley Lower Scott Valley		57, 96, 157 57
Fiock, sarl B. and Mildred O.	45N/5W-32H1	Little Shasta	3	51, 94, 153, C-16, C-17
	45N/6W-21F1 45N/6W-28Q1 (See Antonio Di	Little Shasta Little Shasta tch)	2 2	53, 94, 155 53, 94, 155
Fiock, Earl B. and Mildred U. Fiock, Henry	45N/6W-20A1 45N/6W-20Q1	Little Shasta Little Shasta	2	53, 94, 154 53, 94, 154
Flock, George	45N/6W-33K1	Little Shasta	2	54, 95, 155
Flock, Henry	45N/6W-18H1 (See Antonio Di (See Fiock, Ear	Little Shasta tch) 1 B. and Mildred O.)	2	53, 91., 154
Flock, W. B.	44N/7W-10F1	Yreka Creek	5	76, 106, 169
Fisher, H. A.	(See Barmes, Gl	enn)		
Folendorf, A. A.	(See Campbell L (See Cliff Lake (See Weed Ditch)		
Foulke, Edson L.	42N/6W-2P1 42N/6W-2P2 42N/6W-3H1 43N/6W-25D1 43N/6W-26H1 43N/6W-26H2 43N/6W-34H1	Grenada Grenada Grenada Grenada Grenada Grenada Grenada	11 11 11 8 8 8	43, 90, 148 43, 90, 148 43, 90, 148 44, 149 45, 149 45, 149 45, 149 45, 91, 150, 0-16
rowler, connie	hon/9W-101	Callahan	16	28, 137
howler, flyde E.	41N/8N-36K1 41N/8N-36P1	East Fork East Fork	1h 1h	38, 87, 145 38, 87, 145
Fowler, C. C.	(See North Fork	Ditch 413/90-21N1)		
wler, a. F.	(See Worth Fork (See Ball, C. A.	Litch 41%/9%-21%1)		

Diversion name	Diversion			References
or owner	Location	Subunit	Plate 2 Sheet N	
Franklin, Laurence	40M/TW-7L2 40M/TW-18E1 40M/TW-20A1	East Fork East Fork East Fork	17 17 17	35, 86, 14,3 35, 86, 14,3 35, 86, 11,3
Preeman, Williard and Merl	4411/6W-10A1	Grenada	5	45, 91, 150
Freitas Ditch Burton, Ed Pearson, Casey U. S. Bureau of Indian Affairs; Quartz Valley Indian Peservation		Lower Scott Valley	7	55, 95, 156
French Mining Company	3911/9°1-9H1	South Fork	18	64
Friden, Stanley M.	43%/9%-17%1 43%/9%-20D1 43%/9%-20E1 43%/9%-20M1 43%/9%-31D1	Lower Scott Valley Lower Scott Valley Lower Scott Valley Lower Scott Valley Etna		54, 156 55, 156 55, 156 55, 156 42, 84, 156
Fuglistaler, Alfonso J.	40N/9W-4Q1 40N/9W-7H1	South Fork South Fork	16 16	64,100, 137, 162 65,100, 137, 162
Gallarda, William J.	44N/6W-29E1 44N/6W-30H1 44N/6W-30H2 44N/6W-30K1 44N/6W-30P1	Grenada Grenada Grenada Grenada Grenada	5 5 5 5 5 5	46, 92, 151 46, 92, 151 46, 92, 151 46, 92, 151 47, 92, 151
Girard, Normond L.	45N/7N-9J1 45N/7N-10MI	Yreka Creek Yreka Creek	2	77, 107, 169 77, 169
Glendenning Brothers		Etna Fletcher Ditch)	7	42, 147
Goose Nest Properties, Inc.	45N/3W-9A1 45N/3W-9A2	Ball Mountain Ball Mountain	3	28, 137 28, 137
Green, H.	411:/9W-15G1 (See Ball, C. A (See Cory, Will	Callahan .) iam M. and Elsie E.)	13	29, 83, 138
Gregg, Rodney	40N/6W-8M1 40N/7W-13A1 41N/7W-13B1 41N/7W-15E1 41N/7W-15F1 41N/7W-16H1 41N/7W-16P1 41N/7W-21C1 41N/7W-21P1 41N/7W-28H1	East Fork	17 17 14 14 14 14 14 14 14	35, 11/11 35, 11/11 36, 87, 11/11 37, 87, 11/11 37, 87, 11/11 37, 87, 11/11 37, 87, 11/11 37, 11/11 37, 87, 11/11
Grenada Irrigation District	43K/5W-6D1	Grenada	9	43,90,149,c-16,D-6
Grissom Ranch	42N/5W-541 42N/5W-7H1 42N/5W-7K1 42N/5W-8C1 42N/5W-8P1 43N/5W-28B1 43N/5W-32A1 43N/5W-33M1	Parks Creek	12 12 12 12 12 9 9	61, 160 61, 160 61, 160 61, 160 61, 160 61, 162 61, 162

Diversian name	Diversion		References		
or owner	Location	Subunit	Plate 2 Sheet No.	Text and appendixes Page No.	
Sucrin, George H. and Linda	(See Musgrave	and Linton Ditch)			
Hahn, Donald	43N/10W-10F1	Lower Scott Valley	7	56, 95, 156	
Haight, Deter and Kegg Ditch Connick, Harris R. and Edith R.	45N/4W-20B1	Little Shasta	3	49, 93, 152	
Haight, Ira F.	(See Musgrave	and Linton Ditch)			
Haight, Mattie A.	(See Babcock,	Martin and Soule Dito	h)		
Halliday, W. J.	42N/9N-28Q1 (See Ball, C. (Sec North For	Etna A.) ck Ditch 41N/9W-21N1)	10	h1, 89, 139	
Hamilton, Rodney	40N/8W-22F1 40N/8W-22L1 40N/8W-22L2 40N/8W-22P1 40N/8W-35E1	East Fork East Fork East Fork East Fork East Fork	16 16 16 16 16	36, 86, 1h3 36, 86, 1h3 36, 86, 1h3 36, 36, 1h3 36, 86, 1h3	
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Hayden, Nerva M.	40N/8W-2Bl	East Fork	16	35, 143
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Lane, O'iver P. and Lois H.	(See Babcock, M	Martin and Soule Ditc	h)					
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Salanti, Pete	41N/5W-2E1	Weed	15	67, 101, 163		
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Southern Pacific Company	41N/4W-18P1	Weed	15	66, 101, 163		
Spada, Ermest and Rosina	42N/5W-21N1 42N/5W-28D1 42N/5W-29A1	Weed Weed Weed	12 12 12	70, 103, 140 71, 104, 140, 165 72, 104, 140, 166		
Spada, Ernest and Rosina Sullivan, Lawrence E. and Myrtle P	42N/5W-28C1	Weed	12	71, 104, 165		
Star Ranch, Inc.	43N/9W-3H2 (See Davidson,	Lower Scott Valley W. T.)	7	54, 95, 154, C-16		
Sudderath, Clifford	(See Alger Dit	ch)				
Sullivan, J. B.	40N/9W-21A1 40N/9W-23N1	South Fork South Fork	16 16	65, 162, 5-15 65,100, 162		
Sullivan, Lawrence E. and Myrtle P.	42N/5W-28E2 42N/5W-28K2 (See Spada, Er	Weed Weed nest and Rosina)	12 12	71, 104, 100 72, 104, 160		
Tamisiea, Minníe A.	45N/5W-33D1 45N/5W-33G1	Little Shasta	3 3 3 3 3 3	51, 154 51, 15h 51, 15h 51, 15h 51, 15h 51, 15h 51, 15h		
Taylor, James W.	43N/5W-3R1 43N/5W-23H1	Dwinnell Reservoir Dwinnell Reservoir	-	32, 84, 141 33, 141		
Taylor, Ray	(See Barker Di (See Huddle, T					
Tebbe, Albert	(See Brown, Jos	sephine)				
Terwilliger, Sidney F.	45N/4W-18G1 45N/4W-20B2 (See Harp Ditc)	Little Shasta Little Shasta h)	3	48, 152 49, 152		
Tibbs, Jess L.	44N/9N-24P1	McAdam Creek	4	60, 98, 159		
Timmons, J. T.	41N/9W-9L1 (See North For (See Ball, C.	k Ditch 41N/9W-21N1)	13	29,82,130		
Tozier Brothers	44N/10W-25N1 44N/10W-35F1 (See Bruce, Me (See Chester, N		14 14	58 59,97,158		
Tucker	(See Pearson,	Casey)				
Tupper, Ellen	41N/5W-17F3	Weed	15	69,102,C-18		
Tuttle, R. B.	(See North For (See Ball, C.	k Ditch 413/9W-2131) A.)				
Tuttle, R. B.						

Diversion nome	Diversion		References			
or awner	or awner Location Subunit		Plate 2 Sheet No.	Text and appendixes Page No.		
U. S. Burcau of Indian Affairs; huartz Valley Indian Reservation	(See Camp Ditch (See Freitas Di					
Valentine, William W. (Jr.)	43N/5W-15Rl Dwinnell Reservoir 43N/5W-21Bl Dwinnell Reservoir 43N/5W-22Bl Dwinnell Reservoir		9 9 9	33, 141, C-16 33, 141, 161 33, 141, 161		
Vanderbilt, George and Anita Zabella	41N/6W-1D1 41N/6W-2F1	Stewart Springs Stewart Springs	14 14	66,100, 163 66,100, 163		
Vidrickson, H. L. and Louise C.	42N/5W-25N1 42N/5W-25N2 42N/5W-26J1 (See Belcastro, (See Hoy, A. B.		12 12 12	70, 103, 165 70, 103, 165 71, 165		
Victor, E. F.	(See Costa, Fra	ınces)				
Vincent, L. H.	42N/9W-4Rl Etna 42N/9W-9Gl Etna		10 10	39, 88, 146 40, 88, 146		
Wagner Brothers				41, 89, 146 41, 89, 146		
Walker, Vernon	(See Barker Dit	ch)				
Walter, Ernest and Zelma	44N/7W-9Rl Yreka Creek		5 5	76, 106, 169 76, 106, 169		
alters, Larry	(See Davis, E.	Orlo and Margaret A.)			
Wanaka, V. E.	44N/6W-31D1	Grenada	5	47, 92, 151		
Waters, Emily S.	(See King, Kenr	neth)				
Satson, Donald L. and Illene D.			5 5 3	48, 93, 152 h8, 93, 152 51, 9h, 153, c-16, c-1 5h, 155		
Weed Ditch Folendorf, R. A.	431:/1019141	Lower Scott Valley	7	55, 95, 156		
Wellons, William	(See Alexander,	Frank)				
Whise, Phoebe	(See Musgrave a	and Linton Ditch)				
Minister, Gren	11411/411-4K1	Little Shasta	6	47, 151		
125rl Brothers	4111/917-2:G1 (See Barnes, G1	gGl Callahan mes, Glenn)		30,		
right and Pletther witch Totar, 3. From uning Brothers Electrony, E. Lockermynor March, cure 10, core 14, 6	43H/10H-36H1	Etna	7	42,90,147,157		

Diversion name or owner	Diversion		References			
	Location	Subunit	Plote 2 Sheet No	Text ond appendixes Page No.		
Young, A.	₩ W/~~-2731	Yreka Greek	2	78		
Young, Leland		Itna	10 10	140, 88, 1146 140, 88, 1146		
Yreka, Sity of	4) II /TW - 2231 • II : TW - 1301 • II : /TW - 1911 4) II /TW - 33A1	Yreka Greek Yreka Greek Yreka Greek Yreka Greek	2 2 2	20, 7 ³ , 107 20, 7 ³ , 107. C-17 20, 7 ³ 20, 7 ³ , 107. C-18		
Smansiger, Poger	42H (45 5%)	Weel	12	73, 105, 107		

CHAPTER III. LAND USE

A thorough understanding of historic and present land and water uses in Shasta-Scott Valleys Hydrographic Unit is essential to the determination of future water requirements in the area. The results of a survey of surface water facilities were presented in Chapter II. The results of a 1958 survey of present land uses are presented in this chapter.

Historical Land Use

The Shasta-Scott Valleys Hydrographic Unit, located in Siskiyou County, has followed a development pattern closely related to that of the county. Siskiyou County was formed by the State Legislature in 1852 from parts of Shasta County and the since-dissolved Klamath County. The California-Oregon Trail, a pack trail for gold miners in the early 1850's and a state route in the later 1850's, brought many pioneers and adventurers into and through the county's valleys and mountains.

Gold mining activities resulted in a rapid increase in population during the 1850's. However, as was the case in other gold mining areas of the State, a decline in population followed the depletion of the more readily accessible ore deposits.

During its early development period, agricultural production in Siskiyou County was characterized as self-sufficient and, because production was used largely for local consumption. it was relatively diversified. Aided by the presence of plentiful, cheap, and fertile land, agriculture was sufficiently developed by 1869 to support agricultural fairs in the county,

wherein field crops, orchards, dairies, and livestock were represented. The local demand for agricultural products created by the miners in the area then began to subside, and by 1877 the reduction in gold production had so seriously affected the local market for agricultural output that wool, butter, and flour were being shipped to the Sacramento Valley. Between 1869 and 1877, butter and cheese production declined, while hay and fruit production increased. During this time, the principal products were small grains, corn, beans, peas, potatoes, and other vegetables.

After 1900 the shift to beef cattle production in Siskiyou County was accelerated, and farm holdings became larger and less numerous. Total acreage in farm holdings increased from 455,900 acres in 1900 to 537,400 acres in 1920, while improved acreage declined from 186,100 to 166,600. Value of livestock on farms increased from \$1,280,000 in 1900 to \$2,085,000 in 1910, and to \$3,788,000 in 1920. Principal crops in the county in 1920, in order of value, were hay and forage, cereals, vegetables, fruits, and nuts. Between 1910 and 1920, the land area under irrigation increased from 60,300 to 65,600 acres, and the number of irrigation systems increased from 455 to 572.

The lumber industry in Siskiyou County has existed since shortly after the county was formed, with Weed being the center of lumbering activity since about 1900. Lumber production has tended to follow the cycles of general business activity, and was relatively active in the 1920's, relatively inactive in the 1930's, and very active since 1945. Production since 1945 has increased from an annual output of 172 million board feet in that year, to an estimated 558 million board feet in 1958.

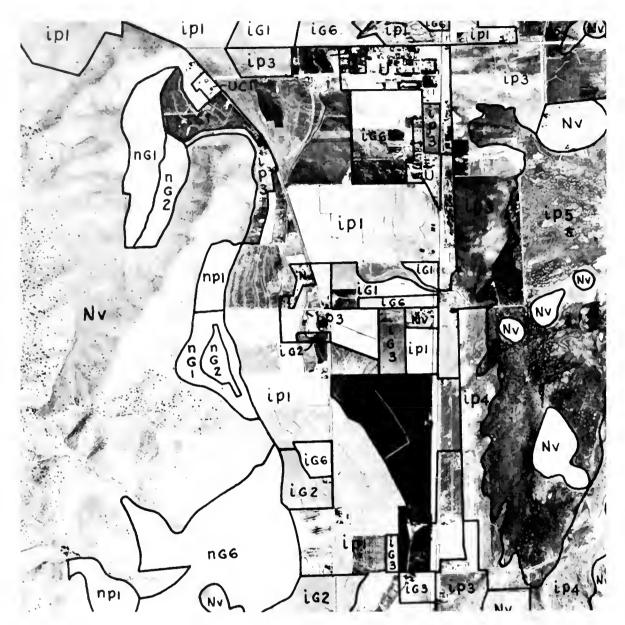
Present Land Use

A detailed land use survey was conducted in the Shasta-Scott Valleys Hydrographic Unit during the spring of 1958, in which the area was mapped according to the uses of the land, such as irrigated agriculture, dry-farmed agriculture, urban development, or recreational development. The results of this survey are presented on Sheets 1 through 18 of Plate 2, "Land and Water Use, Shasta-Scott Valleys Hydrographic Unit." The areas of land use within each subunit are listed in Table 8.

Methods and Procedures

The survey was accomplished by plotting field observations on aerial photographs having a scale of approximately 1 to 20,000. As the present use of each parcel of land was determined, it was delineated on the aerial photographs. The area was traversed by automobile as completely as roads and trails permitted. This coverage was supplemented by inspection on foot and stereoscopic studies of the photographs in areas not easily accessible. An example of an aerial photograph with delineated land use data is shown on page 134.

After completion of field mapping on these photographs, the delineations were transferred to U. S. Geological Survey quadrangle sheets at a scale of 1 to 24,000, in order to bring the various delineated areas to a common scale. The scale of aerial photographs is not uniform and changes rapidly in mountainous areas where there is considerable variation in elevation. After projection onto the quadrangle maps, the area of each



Example of Land Use Delineated on Aerial Photograph

Symbols used on this photograph:

1P3 1P4	- -	irrigated	mixed pasture native pasture	nGl nG2	- -	dry dry	farmed alfalfa farmed barley farmed wheat
			meadow pasture	nuo	_		farmed miscellaneous
		irrigated		7.1		urba	ay and grain
		irrigated		U			
		irrigated					an commercial
160	_		miscellaneous	IA A	_	nat:	ive vegetation
		hay and	grain				

TABLE 8

LAND USE IN

SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958

(In acres)

Subunit	Irrigated	Natural water tab		Dry-farmed	Urban	Recreational
30001111	iands	Meadawlands	Marsh lands	lands	lands	lands
Ball Mountain	120	100	0	10	0	10
Callahan	5,320	0	0	1,180	100	0
Dwinnell Reservoir	7,600	120	80	3,860	10	0
East Fork	1,980	180	10	530	10	0
Eddy Creek	410	190	0	60	0	0
Etna	17,110	20	0	3,650	250	10
Grass Lake	0	470	1,180	0	10	10
Grenada	14,720	810	60	5,810	170	0
Kidder Creek	0	40	0	0	0	0
Little Shasta	18,160	130	20	18,930	500	0
Lower Scott Valley	6,540	40	0	1,050	30	0
McAdam Creek	790	0	0	1,750	130	0
Moffett Creek	130	0	0	500	10	0
Parks Creek	4,200	960	30	390	0	0
Shackleford Creek	0	360	0	0	0	0
South Fork	400	340	0	0	0	0
Stewart Springs	70	60	0	10	0	10
Weed	3,870	160	0	130	720	40
Willow Creek	220	30	0	1,160	0	0
Yreka Creek	1,000	10	0	1,360	1,340	10
TOTALS	82,620	4,020	1,380	40,380	3,280	90

parcel of land was determined. These are gross areas without reduction for roads, farmsteads, canals, and other rights-of-way which occur within the mapped areas.

Irrigated Lands

Irrigated lands, as presented in this report, include all agricultural lands which receive applied water. The area irrigated within each subunit is reported in Table 9 by diversion and by crop. Although the irrigated lands are tabulated under the name of the subunit within which the lands are located, it should be noted that the diversion serving the lands may originate in another subunit.

In Table 9, irrigated lands are segregated into pasture, alfalfa hay and pasture, grain, hay, truck and field crops, orchard, and into those lands which are normally irrigated but which were idle or fallow during the year of survey. Pasture lands are subdivided into mixed, native, and meadow pasture, the latter comprising native pasture lands having a high water table induced by application of irrigation water. Grain is subdivided into barley, wheat, and oats. Hay is subdivided into alfalfa hay, and miscellaneous and mixed hay and grain. Truck crops are subdivided into potatoes and miscellaneous truck. Field crops are subdivided into sugar beets and corn. Orchard is subdivided into apples and miscellaneous deciduous.

On the land and water use maps, Plate 2, lands irrigated by surface water are shown in three categories: (1) those which received a full irrigation in 1958, (2) those which received

IRRIGATED LANDS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958
(In acres)

TABLE 9

			9771				9000								
Diversion	Oiversion nome or owner	Mixed	No 1 i ve	Meadow	Alfolfa hoy and pasture	Barley	Wheot	Oats	Нау	Truck and field craps	Orchard	Total lands irrigated	ıdte	Follow	Totol
M D B & M				-	78	BALL MOU!	MOUNTAIN SUBUNIT	TINUS			•			-	
45N/34-9A1	Goose Nest Properties, Inc.			19					• •			19			19
1,5N/3W-9A2	Goose West Froperties, Inc.			25				_				52			25
1637/3W-1LF1	Ida A. Martin			59								58			29
L53/34-15H1	Ida A. Martin	1		775								1,12	1		175
Total	Total Ball Mountain Subunit	0	0	115	0	0	0	0	0	0	0	115	0	0	115
						CALLAHAN	IN SUBUNIT	<u> </u>							
LON/8W-17J1	Alger Ditch	25	27		תו							63			63
LON/84-2081	Hazel Owens		~									€			~
101/94-1C1	Bonnie rowler		27									27			27
40W/9W-1J1	Farmers Ditch Co.	761	88		413	28	20	20	58		2	1,390*	30		1,420*
Low/ow-lR1	C. W. Birdwell												15		15
hON/94-μ-1 hON/94-7H1 (South Fork Subunit)	Alfonso Puglistaler	28			-1						7	33			33
LON/9W-5K1 (South Fork Subunit)	H. Jorgen and Slinore Lanielson		w									72			70
1.03/94-11.11	Glenn Barnes P. E. Lafevers	09	119									179	-		179
how/9a-11-1	. w. Hrdwell												15		15
40%/94-1251	. w. sirdwill		36									36			36
LOW/9W-1232	'. W. Birdwell		77									77			7

. - Includes 102 acres normally irrigated jointly with UlW/9W-13El.

Authority Auth	Diversion	Oiversion name		Posture		Aifalfa		Groin			Truck		Total	•	i	
Aller Moorer Aller	100011011	Owner	Mixed	Nofive	Weodow	pasture	Borley	Wheat	0018		crops	Orchord	irrigoted	9 0	*	0
Allow Monry Litter, L. Darkee Allow Monry Litter, A. Darkee Allow Monry C. A. Wall C																
Active 1. Darbee	20 20 20 20 20 20 20 20 20 20 20 20 20 2					CALL	AHAN SU	BUNIT (Co	ntinued)					-		
State Root Falley State State Root S	LON/WW-15K1 (South Fork Subunit)	Andrew L. Darbee		80									80			90
Coot Walley Strict 56 110 24 25 217 J. Titung and Titung W. Screen 33 64 3 100 100 C. A. Ball W. Streen 1.0 1.0 1.0 100 100 C. A. Ball W. Streen 2.0 1.0 1.0 1.0 1.0 1.0 C. A. Ball W. Streen 1.50 1.0 1.0 1.0 1.0 1.00 1.00 C. A. Ball W. Streen 1.50 1.0	LCN/9W-2331 (South Fork Subunit)	Allen Moore		716							-		716			76
J. T. Themona 33 64 3 100 100 C. A. Ball 19 1	L17/94-281	Scott Valley Irrigation District	58			110	24			25			217			217
K. C. A. Ball H. Treen 19 31 32 16 106 35 C. A. Ball G. A. Ball G. A. Ball G. A. Ball G. A. Ball G. A. Ball H. Green 10 106 106 106 C. A. Ball G. A. Ball G. A. Ball H. Green 13 14 13 22 15 150 C. A. Ball G. A. Ball H. Green 13 23 22 22 23 22 22 H. Green Walliam X. Corpt J. Banor Mason H. Green 31 39 22 22 23 33 34 35 32 33 34 35 36 37 37 37 38 37 37 37 37 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38 37 38	L1%/94-9L1	J. T. Timmons	33	719	m								100			100
C. A. Ball	L1:/9w-1031 L1:/9w-1511	c. 4. Ball R. S. Fdchman H. Freen C. A. Ball	19							16			35		_	35
C. A. Sall 150	L124/97-10.d	C. A. Ball R. E. Hichman	27			31	32		16			-	106			106
C. A. Sall W. Berthelson H. Green H. Green Elsale E. and Alliam X. Cory John H. and Elsanor Mason H. Green C. A. Hall R. E. Hichman H. Green North Fork Ditch Oscar A. and Oscar A. and Edlean R. Lolax Oscar A. and Edlean R. E	1111/9W-11E1 1211/9W-11F1	C. A. Ball	150										150		_	150
H. Green 13 31 39 22 116 116 116 116 116 116 116 116 116	L13/90-15A1	C. A. Jall V. Berthelson	13			ητ	-						27			27
H. Green Elsie E. and Alliam M. Cory John H. Man H. Green C. A. Hall R. E. Richman H. Green North Fork Ditch Oscar A. and Oscar A. and Edlean R. Lolax	L1M/94-1591	H. Green	13		31	39		-					83			83
C. A. Hall R. E. Richman H. Green North Fork Ditch Oscar A. and Edlean R. Lolax C. A. Hall 186 25 blo 10 286 27 27 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 27 28 28 27 28 28 27 28 28 28 29 20 20 20 20 20 20 20 20 20 20 20 20 20	111/94-1501 111/94-2881	H. Green Elsie E. and William M. Cory John H. and Eleanor Mason H. Green	31			63	22						911			116
North Fork Litch 99 140 6 244 137 2 628 27 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1737-26/177	C. A. Ball R. E. Richman H. Green	25			186	52		07	10			286			286
Oscar A. and B. 5 5 13 5dlean R. Lolax	L111/94-2111	North Fork Ditch	66	077	9	21,44	137		2				628	27		929
	L15:/94-21P1	Oscar A. and Edlean R. Lolax	ω			~							13	-		13

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	Total	i		66	38	25	191	103	65	W	89	7.17	9671	120	5,319
	Follow							2				-			2
	die												272		359
Total	lands irrigated		-	66	38	25	191	396	99	ν.	68	77	197	120	h,953
	Orchard								н						77
Truck	and field crops													1	0
	Нау						37	17	TI .						2017
	0015		(penulu			8			13				2		101
Grain	Wheat		BUNIT (C												20
	Barley		CALLAHAN SUBUNIT (Continued)				73	73				59	98		538
Aifolfa	noy and pasture		CALL	13	80	22		180	2			-	79	114	1,438
	Meadow												2	-	112
Pasture	No tive							0	2		п	1,5			754
	Mixed			986	30		81	28	36	W	25		11,	106	1,952
Oiversion name				John H. and Eleanor Mason	Oscar A. and Edlean R. Lolax	Elsie E. and William Y. Cory	Suzie N. Denny, et al	Glenn Barnes H. A. Fisher D. H. Lafevers Wolford Brothers	Elsie E. and William M. Cory John H. and Eleanor Mason H. Green	Henry and May Aker	Harry M. and Martha B. Bemrod Walter L. and Barbara B. Byer	Robert E. and Louise Lewis	W. J. Halliday North Pork Ditch	Lands irrigated by ground water	Total Callahan Subunit
COLVERGO	lacation		MDB&M	LN/9W-22M1	L1N/94-22M2	L1N/9W-22P1	1111/9W-2LF1	L1N/94-25F1	h1N/9w-28B1	L14/94-28C1	LlW/94-3241 (South Fork Subunit)	ומשני-אפ/ונוש	L2X/94-2841 (Etna Subunit) LIM/94-2131	Lands irri	Tota

			_				_	_									$\overline{}$
•	040		20	24	37	83	96	294	27	27	19	58	33	31	399	31	20
	¥ 0 0 +								-								
1	e 0								Ψ.							-	
Total	irrigated		50	72	37	83	96	162	214	17.7	19	59	33	31	399	33	20
	Orchard																
Truck	crops																
	Ноу																
	0015	SUBUNIT				115	15										
Grain	Wheat	RESERVOIR															
	Barley												19	-			
Alfolfo	posture) DWINNELL											114	9			
	Меадом		13					273			19						
Pasture	Notive					38	81		21	N				25			
	Mixed		٤	277	37			21		517		23			399	33	20
Diversion name			Francis Solis	Maybelle B. Mills	Maybelle B. Edlls	Maybelle B. Mills	Maybelle B. Mills	Maybelle B. Mills	Maybelle B. Mills	Spada Rosina Spada	Samuel C. Jackson	Samuel C. Jackson	Samuel C. Jackson	Frank Alexander William Wellons	Ellis J. Louie	Ellis J. Louie	Ellis J. Louie
Golsveyid	facat an	X 4 6 12 X	121/14-1911	_2%/FW-15F1	12:1/51-15:1	12%/5W-1651	42%/5%-16M1	L2X/5W-20Al	L2%/5%-20A2	L2%/S%-21%1 (Weed Subunit) L2%/S%-26D1 (Weed Subunit) L2%/S%-20A1 (Weed Subunit)	L21:/5#-22C2	27/5%-221 (#ed Subunit) 2%/5,-2201	L2%/5%-22ml (Weed Subunit)	L2N/SW-2REI (Weed Subunit)	134/54-3K1	113N/5W-3K2 113N/5W-3K1	1331/54-301

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0	Diversion name		Posture		Aifolfo		Grain			Truck		Totol		:	
Lacotion	owner owner	Mixed	Notive	Meadow	pasture	Barley	Wheot	Oots	r oy	craps	Orchard	rrigated	ldie	*0104	10101
N D B & M				IMQ	DWINNELL R	RESERVOIR		SUBUNIT (Continued)	(par				•		-
43N/5W-3EL	James W. Taylor	24.9	2	20	278							369	16		385
4,311/5W-341 4,311/5 4 -2391	James W. Taylor	10	777									52			52
4.316/54-3142	Big Springs Irrigation District	1,470	07	2	777	57		77	15	34	2	2,072	90	10	2,132
1,31 VAN-501	Sedgløy D. Selson	103				35						133			138
4.3N/5W-9G1 4.3N/5W-3K1 4.3N/5W-3Q1	Ellis J. Louie			213								213		- ,	213
43% /5M=932 43% 5M=933	Ellis J. Louie	87	8	8								110			110
D16-M5/181	bllis J. Louie	75						•				75	no		83
18 54-918	Ellis J. Louie	59										99			59
48 YSW-10DI	Ellis J. Louie	19		78				-				103			103
4 131/5W-1501	Ellis J. Louie			95								95			95
4,3N/5W-154l	William W. Valentine, Jr.			167								167			167
48,5W-15R1 487 - W-23B1	William W. Valectine, Jr. Junes M. Eaylor			129								129			129
1817-45, 15, 41	William W. Filentine, Jr.	159										159			159
4 45 5W-2281	William W. Valentine, Jr.	14.8										148			148
., 315, 514-23H1	James W. Taylor	359	61	58								7.18			718

	Total	-	626	213	77	173	125	57	18	232	87	814	7,599
	Fallow											15	52
			56	56									159
	idle												
Total	Inrigated		009	157	77	173	125	45	18	232	83	703	7,415
	Orchard												8
Truck	and field craps												34
	HOY	nued)	92									o	100
	0015	SUBUNIT (Continued)										7	71
Grain	Wheat											1	0
	Barley	RESERVOIR								111		13	235
Arfolfo	posture	DWINNELL	416							16		224	1,277
	Meados	<u> </u>				14					99	12	1,145
Pasture	70 7 2 4 6	·	5	58	17	13			18	•			429
	Mixed		103	66	2	146	125	577	· ·	7.7	8	138	4,122
Diversion nome	owner		Dwinnell Reservoir	Marvin L. and Inez M. Miller	Kenneth King Marvin L. and Inez M. Miller Enily S. Waters	Kenneth King Enly S. Waters Kenneth King Marvin L. and Inez M. Miller Emlly S. Waters	Charles O. Messerall	Aubrey J. Nunes	Charles O. Messerall	Donald and	Cloak Lake Charles T. and Ellen B. Drummond	Lands irrigated by ground water	Total Dwinnell Meservoir Submit
	Lacation	M B C N	43N/5W-25L1	73N/SM-25M1	43M/5W-26Al	43N/5W-26C1 43N/5W-26A1	44N/4W-15G1 44N/4W-15Q1	44N/4W-16R1 44N/4W-28A1	44N/4W-21B1	LLN/LW-28M1	77N/5M-20JJ	Lands irriga	Total Sub

			ส	15	77	æ	11	12	18	12	28	6	8	13	99	9	56	99	34	2	99
6			.2	Ä	7	106	7	7	7	7	2		2	1	5		N	\$			40
-						11															
5	<u>.</u>						נו			12			20	13							
Total	irrigoted		21	15	42	56		12	18		28	6			99	4	98	99	34	7	95
	2000				_																
Truck	craps																				
3	, no.						-														
	0015	<u> </u>																			
Grain	Wheat	FORK SUBUNIT	-			-															
	Gorley	EAST FOR																			
Aifalfa	pastare	ш_							Э		•				7						
	Meodow	•																			
Pasture	No 7: < e	-	11		n	717					28				1,1,	9	97	95			
	Mixed		10	15	7/:	21		12	15			6			35				34	2	99
Diversion name			A, b. Michardson	Charles L. Mich	Laurence Franklin	Charles L. Mich	Mrs. W. C. Harmon	Laurence Franklin	Laurence Franklin	Murva M. Hayden	Herva M. Hayden	Frank J. Hayden	Frank J. Hayden	и. В. Hayden	Merva M. Hayden Mazel Owens	dodney Hamilton	dodery Hamilton	Modney Hunlton	Frank J. Hayden	Frank J. Hayden	Sari fictionnell
Diversion	Location	N D B & W	40M/7W-7D1	4 W/7W-71.1	4.0N/7W-7L2	He-M/10	40N/70-18C1	4 N/W-1REI	4 01/74-20AI	., it, 8W7B1	4 N/8W-2C1	4 12/0W-13L1	., M/SW-14,01	1951-WH/RC*7	THSI-MA/NCT	74 18/19W-221.1	4, %, 944-2,112 4,011/9W-42F1 4,011/9W-34-35E1	4, 35, 38 = 2.35 L	12 12 / 2W-, 1251	10 11/4W-2 4DE	IN 74-11:1 IN 74-11F1

O September 1	Diversion name		Pasture		Alfalfa		Grain			Truck		Total			
Location	10 O	Mixed	Native	Meodow	posture	Barley	Wheat	0.015	ý	craps	Orchard	irrigated	e G	3010	Totat
M P E C N				-	EAST	FORK SL	FORK SUBUNIT (Continued)	Continued)		-					
11N/7W-14B1	Carl McConnell	07							-			07			07
41%/74-14D1	Modney Gregg		12									12			12
41N/7M-15El	Modney Gregg		6									6			5
413/74-1581	Modney Gregg	52	55						77			131			131
41N/7W-15F1 41N/7W-16P1	Rodney Gregg	36	7									38			38
41N/7W-16H1 40N/6W-8M1	Modney Gregg		13									13			13
41X/74-16K1	Carl McConnell	7	10									17			17
414/7W-16P1 42N/6W-8M1	Rodney Gregg	45		5						,		90			90
41M/74-18G1	Carl McConnell				72							72			72
41X/74-19M1 41X/74-19M1	Carl McConnell	σ,			~				17	1.		22			22
41N/7W-20H1	Carl McConnell	5662	7								2	308			308
41H/7M-20R1 40N/7M-14A1	Carl McConnell		77	_								174			17,
41%/74-21Pl 40%/74-13Al	Rodney Gregg		9									9		-	9
41N/7W-28H1 41N/7W-21C1 40N/7M-13A1	Rodney Gregg	8										Q.			8
411/74-30A1 401/74-14A1	Carl McConnell	199			39							238			238
41H/74-30M1 40H/74-14A1	Carl McConnell	9			· ·							9			9
41N/8M-23C1	Dudley-Parker Manch	18										18		, , ,	18

Diversion	Oiversian name		Pasture		Aifolfo		Grain			Truck		Total			
location	owner.	Mixed	No + : < e	Meodow	posture	Borley	Wheat	Oats	ų o	craps	Orchard	irrigated	e Qie	¥0 0	Tatai
								-							
20 20 20 20 20 20 20 20 20 20 20 20 20 2					EAS	TORK SUB	SUBUNII (Cor	(Confinued)							
hти/8и-2302	Dudley-Parker Kanch	72	11	-	65							148			11,8
hix/84-25A1	Carl McConnell	17										17			17
413/85-3411	Judley-Parker Kanch	18			11				-			29			29
413/84-34J1	Merva M. Hayden								80			89			89
413/64-3481	Nerva M. Hayden												9		9
411,/8%-36A1 401,/7%-14A1	Carl McConnell	17	1,2									59			59
41N/8W-36K1	Clyde E. Fowler	56			W							33			31
1111/81-36P1	Clyde E. Powler	138	~									21			21
Lande sub-1 migated	rrlgated	73			7				21			101			101
Total	Total Last Fork Subunit	1,2114	707	2	211	0	0	0	70	0	2	1,909	62	11	1,982
					w	 EDDY CRE	CREEK SUBUNIT	F							
L11./5W-21P1	Dwight Hammond		80								-	∞			®
413/54-2161	Dwight Hammond	1,3										43			43
413/54-2381 413/54-3381 413/54-3382 413/54-3301	Stuar Hammond		55									55			55
Llr/5a-3Lll (Import from Stasta Lake hydrographic	North, Fork Litch .wight and .uart Sammond	24.5	50	39								304		l	307
Total	Total Eddy Creek Subunit	288	83	39	0	0	0	0	0	0	0	710	0	0	110

TABLE 9 (Continued)
IRRIGATED LANDS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958
(In acres)

c	Diversion name		Posture		Alfolfo		Groin			Truck		Total			
location	Or Owner	Mixed	No + 1 × e	Meadow	hay ond posture	Barley	Wheat	0018	Нау	and field crops	Orchard	londs	ldie	Follo*	Tatal
						1 2	1								
20 20 20 41 21							SOBORI								
13/5%-281	Scott Valley Irrigation District	1,039	32	18	1,827	332	76	101	797 507			3,707	35	77.	3,756
L2N/Gn=LR1 L2Y/9vi=9G1	L. H. Wincent	272	61									333			333
L2X/5W=7F1 L2X/9W=7J1	Leland Young	129		-	143	53		53				330	16		346
12N/94-8MI	Frank Simmons Leland Young		ıμa		101	10a		<u> </u>				125			125
1221/54-9F1	Carl McConnell	1,067							-			1,067		143	1,110
12./94-961	L. H. Vincent	152	•	-								152	***		152
L2%/9W-17H1 L2%/9W-17M1	Carl McConnell	271.			154	15			77			1,57			157
L2X/9W-17H2 L2X/9W-16E1	Ernest Bigham	78		60		06						176		38	211
12%/9W-17M1	Carl McConnell	251			195	717			-	,		067			770
L2X/9W-17M2	Margaret Bigham	21	-		877	19						88			88
L2N/94-2011	W. D. Mathews	15			69							812			384
123/94-22Fl 123/94-32Fl	Wagner Brothers	42	•									46			19
L2%/974-26L1	F. Douglas Horn	9										9	13		19
1231/94-27M	F. Douglas Horn	17 ^a	7 a			115 ^a	57 ^a		16ª	_		272			272
L2%/94-28J1	Wagner Brothers	23		24	16		•					63		719	127
12N/94-2951 12N/94-29HI	Carl Hammond	32			170	15		15	33			235			235
4211/9W-29G2	J. R. McNames	59			50				7			122			122
12%/9%-32R1	tha Mill Ditch	327	٧٠		130	133	154		28			777	т		780

a - Received partial irrigation.

		T																_	_			_
	Totol				23	70	335	309	592	16	242	777	1,686	7	1,608	3,741	17,109					
	Follow															16	175					
	de												11				78					
Total	londs irrigoted				23	07	335	309	592	16	242	775	1,675	7	1,608	3,731	16,856					
	Orchard												89				ω					
Truck	ond freid crops															1	0					
	HO,							37					716		165	539	1,197	-			-	
	0018		(penu												12	108	592	⊢ Z			subunit)	
Grain	Wheat		SUBUNIT (Continued)												15	183	503	LAKE SUBUNIT			sed in this	
	Barley			_		2	22				19	277			98	338	1,311	GRASS LA			No diversions located	
Alfolfo	posture posture		ETNA			38	529				120		122		687	851	4,920	- 5			(No divers	
	Meadow															9	95					
Posture	No + 1 ve				23		814								288	756	1,273			-		
	Mixed							272	265	16	103		1,451	7	355	2716	7,323					
Diversion name	O wher				Kenneth Depew	الم. T. Davidson Star Ranch, Inc.	B. F. Davidson	Glendenning Brothers	Thomas V. Huddle	Thomas V. Huddle Ray Taylor	John T. Jenner	John T. Jenner	Barker Ditch	W. H. Smith	Wright and Fletcher Ditch	Lands irrigated by ground water and sub-irrigated lands	Total Etna Subunit					
Diversion	lacation		2 6 6 2	2 2 0 0	42N/9W-33EI	L3N/9W-2G1 (McAdam Cr. Subunit)	L3X/9W-11M	L3N/9W-28G1	L3:1/9W-31A1	L3N/94-33C1	43%/9W-34Q1	4311/94-3142	43W/10W-35R1	11311/104-3611	L33/10W-36M1	Lands irri	Total					

TABLE 9 (Continued)
IRRIGATED LANDS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958
(In acres)

	Total		2,376	113	9	50	698	38	16	213	143	977	Φ	58	98	29
	Follow		201	-71												62
	die															
Total	irrigated		2,175	109	9	20	969	38	16	213	143	977	80	29	98	
	Orchard															
Truck	and field crops															
	, 0 1		101	1,0				12								
	Oats	F														
Grain	Wheat	SUBUNIT	1,80							35				19	33	
	Barley	GRENADA	757	11,					16	19	143	32	60	10		
Alfalfa	nay and pasture		200	30			53	56		26					09	
	Meadow		599	16	0	10	1,68									
Pasture	No to to		79							17.					15	
	Mixed		262	0		10	177					114				
Oiversian name	Owner		Edson-Foulke Yreka Diton Co.	Edson L. Foulke	Edson L. Foulke	Edson L. Foulke	Edson L. Foulke	Fred Carpenter	Jan Shelley	Dan Shelley	Dan Shelley	Jan Shelley	Glen 5. Maxwell	Can Shelley	Jan Shelley	Howard Damron
001974210	location	5) 4 1, 1, 1	111/5/-3F1 (heed Submit) (111/5/-6D1 (Parks Gr.	L2%/6%-2Pl L1%/5%-9Pl (Weed Subunit)	42%/6%-2P1 42%/6%-2P2	12N/6"-2F2	12%/64-3H1 12%/54-9P1 (Weed Suomit)	1211/64-381	L2N/6x-9Pl	L21/61-41	12%/6%-9¢1 12%/6%-19&1 (Willow Gr. Subunit)	12%/6%-JR1	128/6W-10L1	123/67-1601	42%/64-1601 12%/64-1941 (Willow Cr. Subunit,	h2%/6%-16E1

										}					
Diversion	Diversion name		Pasture		Arfolfa		Grain			Truck		Total	3	i	
locotion	- S O	Mixed	No + : «	Meodow	posture	Barley	Wheot	00018	S S S S S S S S S S S S S S S S S S S	sdoro	D.c.nara	rrigated	9 5	3	500
					GRENADA	Į.	SUBUNIT (Continued)	finued)							
M & E Q M							_			.,		-			
h2N/6w-17Kl (Willow Cr. Subunit)	Howard Damron	177	rv.		24	12						55			55
L2W/6w-17L1 (Willow Cr. Subunit)	Howard Damron					21	317					55			55
42%/6W-19A1 (Willow Cr. Subunit)	Jan Shelley				117							117			117
L2N/6w-2LM1 (Parks Cr. Subunit)	Ernest Sridwell			77					,			77			77
L3N/5W-5D2	Sedgley D. Welson				-								917		917
43M/547-621	Grenada Irrigation District	324	52		277	181	18	37	89			1,541			1,541
h3ti/5w-6D2	Huesman Ditch	348	719	705	31	15			13			1,176			1,176
4311/F: 1-672 44K/6W-25F1	Huesman Ditch Jerald Jenkins			171	31							202			202
L3N/6W-21.1	Samuel Bruinsma		172	7								179			179
433/64-1131	Samuel Bruinsma			12		_					-	12			12
433/64-2331 433/64-1431 433/64-254 433/64-2661	J. L. Price	304		313							-	621		19	639
133/6W-2LE1	Mills Manch Corp.	-		87								87			28
L33/64-25D1	Edson 1. Foulke			114								117			111
L3N/6W-26HL	Edson L. Foulke			12								12	38		905
43%/6 <i>4</i> -2682	Mison L. Foulke			23								23			23

TABLE 9 (Continued)
IRRIGATED LANDS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958
(In acres)

001938710	Oiversion name		Posture		Alfolfa		Grain		:	Truck		Total		:	
lacation	10 0 10 0 10 0 10 0 10 0 10 0 10 0 10 0	Mixed	NO	Meadow	posture posture	Barley	Wheat	Oots	, 0 1	ond freid crops	Orchard	irrigated	o o	¥0; 0≰	10101
					GRENADA		SUBUNIT (Continued)	ifinued)							
2. 5. 5.					_										
133/6W-34Rl Ll3/5W-9Pl (Weed Subunit)	Edson L. Foulke	38	22	287	07							387			387
143/5n-20J1 143/5n-20F1 143/5n-29C1	Charles T. and bllen B. Drummond	100	8	13	•							118			118
121/5W-1901 LL1/5W-20M1	Charles T. and Ellen B. Drummond			55			-					55			55
1411/5m-20M	Charles 7. and Ellen B. Drummond			m							,	m	7		10
hhw/64-3%1 (Little Shasta River Subunit)	Shasta River Water Users Association	717	12	263	291	138	2	30	16			1, 474			1,474
May/64-381	John L. Doren	11			91				56	·		128		-	128
Ta7-29/277	John L. Boren	16										16			16
[M:1/64-10A]	Williard and Merl Freeman	32				19						51			51
Mx/67-11L1	John L. Doren			33								33			33
143767-11A1	Roland Ekstrom			ν.	6							11,			71
LAST/6W-20R1	Sarah Orr				128	177						142			142
U41:/61:-21A1	R. E. H. Julien					27			56		72	58			58
ULX/6W-21A2	R. E. H. Julien	12			23							35		19	54
LLW/6W-2101	R. E. H. Julien				56							56			56
1413/64-22D1 1413/64-21A2	R. E. H. Julien	30					·		38			89		6	77
LAN/6W-25F1	Jerald Jenkins		12	75			-					87			87
1447/6W-26C1	Samuel Bruinsma		39	73								112			112
धाकः/६४-२६९१	Samuel Bruinsma			117								117			111
MW/6W-2991	Sarah Orr				75							75			75

a - Received partial irrigation.

	Total		34	517	37	62	2,698	105	13	11	27	32	30	636	932	100	113
	Fallo*													11,8	50		
	die G													9	ដ		
Total	lands		34	45	37	62	2,698	105	13	779	77	32	30	1,82	871	100	773
	Orchard																
Truck	and field crops																
	Į.	g					88							17			
	0015	SUBUNIT (Continued)					719							20			
Grain	Wheat	SUBUNIT												80			
	Barley	SHASTA	21				13							7			
Arfalfo	nay and pasture	LITTLE		517	37		293			W				123	15	_	
	Meadow					46	1,2	85		6		25		138	325		
Pasture	No t v e						32					7	7	16	22		
	Mixed		13				2,138	50	13		24		56	156	605	100	113
Oiversian name	or owner		E. Orlo and Margaret A. Davis Larry Walters	E. Orlo and Margaret A. Davis	E. Orlo and Margaret A. Davis	Donald E. and Illene D. Watson	Shasta River Water Users Association	Donald E. and Illene D. Watson	John L. Doren	John L. Doren	Harp Ditch	Sidney F. Terdlliger	Alfred C. and Viola M. Edmonds	Soule and Terwilliger Ditch	Haight, Deter, and Kegg Ditch Harris R. and Edyth R. Comnick	Sidney F. Terwilliger	Ida A. Martin
0.00	lacation	>: ≪ &: €:	1124/144-531	1112/124-5K1 L127/124-512	1113/114	W./6:-3:0	L13/6W-3311	цы/6и-382	LLN/6W-LJJ LLN/6W-LRJ	ULY/6%-1111 (Grenada Subunit)	L5N/LW-16B1	15N/LW-1681 15N/LW-1861	151/14-1911	L5X/LW-19L2	1537/44-20B1 1537/44-30K2	151/LW-2082	L5N/LW-20J1

	10101		9	25	56	164	160	223	35	33	171	725	647	1,536	29	11	208	750
	¥0110						22			21		314	36		ניו	9	-	
	idle							12			2	2				2		
Total	irrigated		9	52	56	161	138	211	95	12	697	689	611	1,536	56		208	750
	Orchord											п						
Truck	crops				-													
	Hoy	(P							13		770		2	m				21
	0015	(Continue		ω			30					56	14.3					1,9
Groin	Wheat	SUBUNIT (Confinued)										4	20		_			
	Borley	SHASTA 9						19	W		39	9	77				4	103
Alfolfo	posture posture	LITTLE 9					108	109	77	12	30	128	339	102				397
	Meadow							1,8			222	241		1,171	2 6		47	817
Posture	Notive					_					15	25	2				30	
	Mixed		9	17	56	164		35			123	21,8	88	260			107	96
Oiversion name	o o suer		Ida A. Martin	Ida A. Martin	Ida A. Martin	Ida A. Martin	Gladys I. Hart	E. Orlo and Margaret A. Davis	Harold W. McWilllams	Ida A. Martin	Babcock, Martin, and Soule Ditch	Musgrave and Linton Ditch	Musgrave and Linton Ditch Dwinnell Reservoir	Gladys I. Hart Babcock, Martin, and Soule Eitch	i. i. smelley D. i. reymolds	F. L. Reynolds	Donald E. and Illene D. Watson	Earl B. and Mildred Flock
	locotion	W & B G W	151/1W-2001	45N/UM-2001 15N/UM-29A1	45N/4W-29B1	45N/4W-29C1	15N/UW-30A1	L5N/LW-30K1	LN5-W-3N1	45W/5W-25A1	LSN/SW-25B1	L511/5W-2582	LS:,/SW-25B2 L3N/SW-25L1 (Dwinnell Feservoir Subunit.)	15%/5%-2583 15%/5W-2531	L511/5W-25F1	153/57-26R1	1511/5W-3CJ1	L5K/5W-32H1

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								e e			
0 0	0 8 6	0 8 8 0 1	0 8 8 0 6 A 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0 8 8 0 6 8 0		L C O O 1 7 0 8 0		8 A L Q O A A O O			38 68 61 7 880
	10 58	10 58 58 109 11	100 58 1009 11 11	109 58 58 109 11 109 10	109 58 109 11 10 10 226	100 100 110 10 10 10 64	100 100 100 100 100 89	10 58 10 10 10 10 10 89 89	10 60 10 10 10 10 10 10 10 10 10 10 10 10 10	100 58 58 64 64 64 64 64 64 64 64 64 64 64 64 64	100 58 86 86 86 86 86 86 86 86 86 86 86 86 86
(Per	(pe	дп									
		Confinue.	13	13 23	13 23	13	13 13	13 13 13	13 Continue	13 23 23	
						~	~	~	~	~	~
J.0	01	01	01	00 00	00 00	10 29	10 10 10 10 10 10 10 10 10 10 10 10 10 1	70 10 10 58 1 1 58	79 J0	10 Jo 58 Jo 10	7 J J J J J J J J J J J J J J J J J J J
9	109	109	109	109 239	109 239 226	μβ 239 226	109 239 5 5	239 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	22k 239 52 539 5	109 239 5 5	109 239 5 5
(70	10	10	10	10	3	7	3	3	3	3
		-1	٦	.d	.d	٥ د	3 ° 6	2 %	3 6 88 88 93 6	8 % ¢ %	6 8 8 8 8 1 Thus
	misiea	Tamisiea Tamisiea Tamisiea	Tamisiea Tamisiea irer	A. Tamisiea A. Tamisiea A. Tamisiea Ohrer A. Tamisiea O'Connor	A. Tamisiea A. Tamisiea A. Tamisiea Ohrer A. Tamisiea C'Connor eynolds	A. Tamisiea A. Tamisiea A. Tamisiea Oohrer A. Tamisiea O'Connor Reynolds I. Hart	e A. Tamisiea e A. Tamisiea e A. Tamisiea Rohrer e A. Tamisiea r O'Connor Reynolds s I. Hart land and Joy M. erts	te A. Tamisiea te A. Tamisiea Rohrer te A. Tamisiea xr O'Connor Neymolds fs I. Hart. cland and Joy M.	te A. Tamisiea te A. Tamisiea to Officenor to A. Tamisiea to Tomor to A. Tamisiea to Tomor	ie A. Tamisiea ur O'Connor . Reynolds ys I. Hart cland cland clement Ertha Clement nell westryoir	Minnie A. Tamislea Minnie A. Tamislea Minnie A. Tamislea J. B. Bohrer Minnie A. Tamislea Arthur O'Connor D. L. Reynolds Gladys I. Hart G. Roland F. A. and Joy M. Roberts Paul Clement Mrs. Bertha Clement Drinnell Reservoir Henry Flock Earl B. and Mildred O. Flock Henry Flock Henry Flock Henry Flock Henry Flock Henry Flock Henry Flock
Minnie A. lamislea	fimie A. Ta	Timie A. Minnie A. Minnie A.	Tinnie A. Winnie A.	Timite, Winnie, Winnie, Winnie, Arthur (D. L. Re	"innie Winnie J. B. B Minnie Arthur D. L. R	Minnie A. Minnie A. Minnie A. J. B. Rohn Minnie A. Arthur O'' D. L. Reyy Gladys I. G. Roland	"inni" "i	"inni" "i	'inni' 'inni' 'inni' 'in' 'in' 'in' 'in	winn winn winn winn winn winn winn winn	Min

No. of the control																
Automate Literal Lit	Diversion	Diversion nome		Posture		Alfolfo		Grain			Truck		Total	-	i	
Automide Ditteth 152	locotion	Lauca So	Mixed	No + 1 × e	Meodow	posture	Borley	Wheof	000		sdoro	0.000	irrigoted	e B B	3010	10101
Size Standish 192 192 193 194 195	20 00 00 20					l		Ť	(Continued							
Marchael Ditter. 152							_	_	-							
Start Sanch, Inc. Star	L51/64-2002	Antonio Ditch	152		59		-						217			217
Parallell Beambor Sile S	L5N/6W-21F1	Earl B. and Mildred O. Mock	1,3		30								78			78
Strong Moppes Strong Many Lenos Strong Many Leno	L5%/6W-22Cl	Donald L. Meambor Morris L. Prather	75		80								62			62
Surf St. and St. S	L51/64-2511	Simon Koppes	ν.	77	25	15				2			124			124
Nary Lenos	L5%/6W-28Q1	Earl B. and Mildred O. Flock			72	ח				-			55			72
Nary Lenoa	L5K/6W-29H1	Mary Lemos			9								9			9
Nortis L. Prather 63	L5N/6W-29H2	Mary Lemos			16	15							33			33
Donald E. and 34 12 29 29 34 24 26 36 31 3,940 4,105 711 241 241 250 35 35 35 35 35 35 35	L53/6W-33K1	George Flock	7		19	21							177			77
Donald E. and 34 12 99 29 34 18 18 18 19 46 511 512 522 522 522 523	L5N/6W-3LD1 L5N/6W-33A1	Morris L. Prather	63			23							98			98
First and by ground water 93 14 99 299 299 299 299 299 299 299 299 299 299 299 299 299 299 299 291 201	L51/64-34J1	Donald E. and Illene D. Watson		34	12			•					97			97
Scott Valley 22 299 — — 220 321 — 321 321 — 321 321 15,810 <t< td=""><td>Lands irr</td><td>igated by ground water</td><td>93</td><td>77</td><td></td><td>66</td><td>59</td><td>34</td><td></td><td>1.8</td><td></td><td>77</td><td>281</td><td>21</td><td>13</td><td>315</td></t<>	Lands irr	igated by ground water	93	77		66	59	34		1.8		77	281	21	13	315
Star Eanch, Inc. 27 100	Lands sub-	i mi gated		22	299								321	}		321
Ivan R. Howell 23 293 24 11 5 3 1,226 * 12 142 15 15 15 15 15 15 15 1	Tota	1 Little Shasta Subunit	6,341	נווא	3,949	4,105	17	24,1	560	612	35	25	16,810	196	1,152	18,158
Ivan R. Howell 23 Scott Valley 193 21 3 673 293 24 11 5 3 1,226* 42 Irrigation District 27 100 42 680 680 Star Eanch, Inc. 27 100 42 680						LOW		T VALLEY								
Star Fanch, Inc. Star Fanch,	L3%/9W-3D1	Ivan R. Howell				23							23			23
Star Eanch, Inc. 27 100 421 70 62	L3N/94-3H1	Scott Valley Irrigation District	193	21	С	673	293	277	п	W		~	1,226*	775	30	1,298*
	1337/94-3H2 1337/94-2G1 (McAdam Cr. Subunit)	Star Fanch, Inc.	27	100		1,21	70	62					680			680

* - Includes 24 acres normally irrigated jointly with 4448/9W-2881.

IRRIGATED LANDS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958
(In acres) TABLE 9 (Continued)

Oversion name				Posture				e de la								
Contest Wired Marcol M	c	Diversion name		a in son		hov and					Truck	6,040,0	Total		1010	10101
Contact 129 Contact 12		7 ac 3 O	Mixed	Notice	Meadow	pasture	Barley	Wheat	Oots		crops		irrigated	<u> </u>		
C. Contact 129 129 115 6 50 50 50 50 50 50 50					107	WER SCO	TT VALLE	Y SUBUN	IT (Contir	uned)						
Stanley N. Friden 129	2:1				-	-	-	-	-							
Stanley N. Friden 31 11 12 12 12 12 12 12 12 12 12 12 12 12 10		f. Custer George Rose	129			2115			9				250			250
Startey W. Friden 12	N1 2051 3151 ubumi	Stanley M. Friden	158										158			158
Stanley N. Friden 10 10 10 10 10 10 10 10 10 10 10 60 70 72	100	Stanley M. Friden	31			7							1,2			777
Stanley M. Friden 17 L8	豆豆	Stanley M. Friden	10										10			10
Stanley M. Friden 17 9 132 132 132 132 122 22L 22L 22L Henry Chester 1 1 1 1 12 79 22 Henry Chester 59 1 12 79 79 22 Freitas Ditch 89 1 1 3L 10 195 1 John Heide 157 1 131 1 10 195 1 John Heide 157 1 131 1 10 196 1 John Heide 157 1 131 1 1 1 1 John Heide 157 1 <td>150 -20M1</td> <td>Stanley M. Friden</td> <td>12</td> <td></td> <td></td> <td>877</td> <td></td> <td></td> <td></td> <td></td> <td>-</td> <td></td> <td>09</td> <td></td> <td></td> <td>9</td>	150 -20M1	Stanley M. Friden	12			877					-		09			9
Stanley M. Friden 32 a 5a 132 a 13a b 12a b	t.	Stanley M. Friden	17										17			17
Henry Chester Freitas Ditch	L3K/9W-3lDl (Etna Subumit)		32 a	5.8	,	132 ^a			138	112ª			224			224
Freitas Ditch 59 8 12 79 79 Samp Ditch 89 112 17 34 252 252 Camp Ditch 157 28 10 195 195 Oon and Lennis Mulloy 17 131 28 195 178 Weed Ditch 83 55 118 138 138 Gene Calby 144 52 4 59 99 Camp Ditch 144 52 89 99 99 Donald Hahn 30 13 13 13 119 Dennis Mulloy 132 78 78 129 210 2	Ŕ	Henry Chester												2		5
Prestate Ditch 89 112 17 34 252 John Heide 157 28 10 195 John Heide 157 131 195 195 Con and Jennis Mulloy 17 83 55 178 178 Weed Ditch 125 6 1148 34 313 Gene Selby 22 3 34 313 Donald Hahn 30 89 89 119 Dennis Mulloy 132 78 89 119	133	Freitas Ditch	65			60				12			46			62
John Heide 157 28 10 195 Con and Lennis Mulloy 47 131 178 Weed Ditch 83 55 138 Weed Ditch 125 6 148 313 Camp Ditch 44 52 3 34 313 Domald Hahn 30 89 89 119 Dennis Mulloy 132 78 119 210	43%/10%-2Q1 43%/10%-10E1	Freitas Ditch Camp Ditch	89			112			17	78			252			252
Con and Dennis Mulloy 47 131 178 Weed Ditch 83 55 138 Weed Ditch 125 6 1148 313 Camp Ditch 441 52 3 99 Donald Habn 30 89 3 119 Dennis Mulloy 132 78 3 210	h3%/10W-9Cl h3%/10W-9Ll	John Heide	157			28				10			195			195
Weed Ditch 125 6 11/8 31 313 Weed Ditch 125 6 11/8 313 Camp Ditch 11/2 52 3 99 Donald Hahn 30 89 99 Dennis Mulloy 132 78 119	L3%/1C%-9H1	Con and Dennis Mulloy	17	131									178			178
Weed Ditch 125 6 11,8 31 313 Game Ditch 444 52 3 99 Domald Hahn 30 89 119 Dennis Mulloy 132 78 210	Ę,	Weed Ditch		83		55	-						138			138
Camp Ditch 4d. 52 3 Donald Hahn 30 89 119 1 Josephine Dangle, et al. 78 210 2	LЗW/10м-9К1 LЗW/10м-22P1	Weed Ditch Gene Selby	125	9		31/8				315			313			313
Donald Habn Josephine Dangle, et al. Dennis Mulloy 132 78 210	433/10W-10E1	Camp Ditch	717	52			m						66			66
Dennis Mulloy 132 78	L3N/1CW-10F1 L3N/1CW-11C1	Donald Hahn Josephine Dangle,et al	30			89							911	_		911
	L311/10W-10J1	Dennis Mulloy	132	78									210			210

a - Received partial irrigation.

TABLE 9 (Continued)
IRRIGATED LANDS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958
(In acres)

Diversion	Oiversion name		Pasture		Artoffo		Grain			Ą,		Total			
location		Mixed	Native	Meodaw	pasture pasture	Barley	Wheat	0015	Hay and	and freld crops	Orchard	lands	ole o	Follos	10101
N 2 8 G W				L0	WER SCOT	TT VALLE	LOWER SCOTT VALLEY SUBUNIT (Continued)	T (Contin	(pent						
h3W/10W-11C1	Josephine Langle, et al.					10						10			10
L3H/1CW-11Q1	Josephine Dangle, et al.				9							٥			9
h3%/10%-11Q1 h3%/10W-11K1	Josephine Dangle, et al.	9		·	5				254			32			32
L3%/10W-14J1	John Poreira	1/4	115						11,			143			143
L38/10W-22P1	Gene Selby	10	61						89			139		113	182
h3N/10W-36111	Wright and Fletcher Ditch	126	77		98			1,2		-		270	32		302
14tt/9W-22G1	Wilber and Grace Hullquist Roy E. Mason				25	2						32			32
633/94-2231 633/94-381	Wilber and Grace Hullquist Scott Valley Irrigation District				76			П	33			131	7		138
1411/94-2211	John Crechriou				20	19						39			39
1112/94-28H1	Amn Fincher				М	11						11,			11,
1217/98-3101 1217/98-31D1	C. W. Sirdwell	11			56							106			106
Max/10w-21J1	James Eastlick				22	22						177			777
141:/10x-221:0	Warren Lylle Travis Smith	9-8		_								6			6
hai./100-2481	George Lally	22				-						22			22
LLX:/10~-25c1	Morle Bruce	13			50							33			33
443/10:-2581	Merle druce Tozner arothers	25			158	78	52		ıı	_		294			762

a - Received partial irrigation.

TABLE 9 (Continued)
IRRIGATED LANDS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958
(In acres)

Control Cont		Diversion nome		Pasture		Alfolfa		Grain			Truck		Totol			
Secretary Secr	Locotion	OWNER	Mixed	N 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0 + 0	Meodow	hoy ond pasture	Barley	Wheat	Oots	Ноу	ond field crops	Orchard	fonds irrigofed	ldle	Follow	Total
Control Earth Eart																
	200				WO7	ER SCOT	T VALLEY			ned)						
Gasey feathcon 13	443, 104-2531 443, 104-3522	durnell burten ad aurton Casey rearson	1.7										87			28
Charge Sactick 13		Warren Lynle Fravis Smith				10ª				52ª			02			62
Sabrton La Burton La Bur	112/134-27F1	Casey Pearson		13									13			13
Sabitron	4441, 1-W-2RAI	James Eastlick									-			77.		27.
1 Edibutton 13 122 128 129 1	14/4 1 / 1 / 1 / 14 KI	id Burton Casey Fearson	77	20					174				38			38
Funces Costa 13 15 15 15 15 15 15 15	4475/104-3481 4475/104-2711					122							122			122
Frances Costa	. 444/27W-3501	Surrell Burton	13						28				4.1			4.1
Henry Chester 242	JAN 174-35F1	Tozier Brothers	10										10			10
Henry Chester 10	4481/10W-35FT		2775										277			242
Experiment to the following state of the fo	448/104-35F1	Henry Chester Fozier Brothers	10						eo				18			18
Frances Costa 5 633 5 645	44.11/10M-35.P2	burnell burton rd burton Casey Pearson	12	\$					29	21			67			29
C-irricated	Lands irrig	sted by ground water	82			577							127			127
Subunit Frances Costa 5	i-ans spire	rrirated		39				1	j]	3.5			33
irances Costa Frances Costa 5 6 13 3 27	Tota	Lower Scott Valley	1,985	633	m	2,586	513	111	691	360	0	т.	6,363	107	73	6,543
frances Costa 21 21 Frances Costa 5 6 13 3						McA			<u>F</u>	-						
Frances Costa 5 6 13 3	1211/34-22L1	rances Costa				21							21			22
	uhil/24-26Fl	Frances Costa	5	9		13	3						27			27

TABLE 9 (Continued)

IRRIGATED LANDS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT,1958 (In acres)

	5		197	55	27,	30	65	1174	877	154	63	792		5.6	143	∞	5	
-	5								-	•	-	0						
1	9											0						
Total	irrigated		197	55	77.	30	59	114	4.8	154	63	792		26	4.3	90	6	
	B D D D D D D D D D D D D D D D D D D D											0						
Truck	crops											0						
	, ,		15	9				10			-	31						
	0005	Confinued									1	0	TINI					
Groin	Wheat	SUBUNIT (Continued)	o o				77		_			10	EEK SUBUNIT					
	Borley	CREEK S		13	6							25	MOFFETT CREEK					
Arfatta	posture	MCADAM (129	36	3		55	814	877	154	07	543	— ₩ ₩	36	1,3	œ		
	Meodow	. - _				_						0						
Posture	Notive		50		12	30		8				88						
	Mixed		27								77	55					5-	
Oiversian name	Owner		Frances Costs Joe Deas E. F. Victor	Frunces Costa	William Soares	George Milney Estate	Worky Milney Estate	Wirh W. Aderholt	Huch W. Aderholt	Jeas I. Tibbs	Lands irrigated by ground water	Total McAdam Greek Subunit		M. i., Harold L., Charles and Bonnie Gramer	Fred Cramer	N. L., Rareld L., Ch. rles and	General and a second se	
Diversion	Location	NSBOR	448/8W-2741	44.81/PW-271.1	44.8,'9W-1. E.I	44N/9W-13C1 44N/9W-13C2	14.87/94-1381	1281-W9/R42	1441/9W-24D1	44,81.744-24.P1	Lands irrig	Tota		1. 311. 2M-1-4	. 41/PM11	77 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	3, 11, 'W-13121	

TABLE 9 (Continued)
IRRIGATED LANDS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958
(In acres)

	10101		10	35	131		13	88	7 87	244	625	24.1	66	52	185	22	6
:	30 0				0												
-	albi				0											22	
Totol	irrigated		10	35	131		51	89	787	244	625	142	66	52	185		6
	Orchord				0										-		
Truck	Sdoro				0												
:	r v	ned)	10		10					75			28				
	Oots	SUBUNIT (Continued)			0	FIN											
Groin	Wheat			1	0	EK SUBUNIT											
	Borley	T CREEK			0	PARKS CREEK						617			22		
Alfalfo	posture	MOFFETT		35	211	7d 							7.1				
	Meodow				0			72	295	16	929						
Posture	No tive			1	0		51			19				52	87		6
	Mixed			1	6			17	189	86		192			9/		
Diversion name	0 No.		M. L., Harold L., Charles and Sonnie Cramer	Fred Cramer	Total Moffett Greek Subunit		Floyd Barnum William H. King John J. and Lillian M. Mazzini	Dwight Harmond	Edson-Foulke Yreka Ditch Co.	Isabella C. More	Orisson Ranch	Grissom Ranch	Grissom Ranch	Grissom Ranch	Grissom Ranch	Gus V. Welson	Gus V. Melson
0018182	locotion	X 3 5 G A	L311/8n-1332	JAN/58-35VI	Total		Ll://swed (Weed Subunit)	ulm/Sw-ogl (Weed Subunit)	ul%/5%-3Pl (heed Subunit) ul%/5w-6Dl	L11./64-1A1	L23:/5%-5.1	12::/54-521 12::/54-801	12N/5W-7H1	L21:/5w-801	42%/5%-8P1 42%/5%-7K1	42%/5%-1801	424/54-18C2

IRRIGATED LANDS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958 (In acres) TABLE 9 (Continued)

	10101		đ	9 (*)	91	7	189	077	10	175	13	103	25	203	39	136	313	293
	¥0 0		-											25					
	idie																		
Total	irrigated		α r	Q C	^	17	7	189	077	70	775	13	103		203	39	136	313	293
	Orchard																		
Truck	crops																		
	Нау	(13						6	
	Oats	(Continued)																	
Grain	Wheot	SUBUNIT																	
	Barley	CREEK																	
Alfolfo	posture	PARKS						777											16
	Meadow			c		37	2	777	21	12	175		077		168	39	136	211	156
Pasture	No tive		8,	À		775			19				63		18				
	Mixed							28		28					17			93	121
Diversion nome	O 4 ne.		Gne 7 Voleon	To I on one	TOOTS!	ous V. Nelson	Gus V. Nelson	Harry Robertson	Martin W. and Laura V. Little Gus V. Nelson Harold A. and Minnie I. Lemos	Harold A. and Minnie I. Lemos Martin W. and Laura M. Little	Harold A. and Minnie I. Lemos	Parks Creek Ranch	Parks Creek Ranch	Isabella C. More	Isabella C. More	Harry Robertson	Ernest Bridwell	Laura M. Cawley	William W. Walentine, Ur.
000	location	X & E C X	1.2N/EW_1811	1,211/Elim 18P2	TUOT-WC MITH	123/5W-19A1	L2N/54-1901	L2W/5W-19Q1	L23/54-2011 L23/54-2901	L2N/54-20M1	L2U/5W-2901	L211/54-29P1	L2N/5W-29P2	123/5W-31J1 121/5W-32E1	L2%/5W-3141	127/64-2181	1237/63/-2013	L3%/5W-20B1	133/5%-21F1 (Dwinnel Reservoir Subunit)

TABLE 9 (Continued)
IRRIGATED LANDS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958
(In acres)

	10101		259		55	238	1,205		25	9	35	3	126	38	877	777	80	105
	F0150¥						52											0
	e Ole						22			9							1	•
Total	irrigated		259		52	238	4,158		52		35	3	126	38	877	717	80	399
	Orchard					1	0					,					1	0
Truck	crops					1	0										1	0
:	Нау						125											0
	Oots	Continued)					0	Ė			-					.7		=
Grain	Wheot	SUBUNIT (Continued)				1	0	SOUTH FORK SUBUNIT										0
	Borley					1	11	OUTH FC									1	0
Arfolfo	posture	PARKS CREEK					101	– <i>v</i> s									1	0
	Meadow		259		55	238	2,576											0
Pasture	Notive						438				35	٣	126					164
	Mixed					1	84.7		52					38	877	070	80	231
Oiversion name	10 30 O		Grissom Ranch		Grissom Ranch	rrigated	Total Parks Creek Subunit		Alfonso J. Fuglistaler	J. D. and Auth A. Proctor	J. B. Sullivan	Allen Moore	J. B. Sullivan	Dick Hayden	L. B. Bergsnyder	J. D. and Ruth A. Proctor	H. Jorgen and Elinore Janielson	Total South Fork Subunit
Oversion	lacation	> n u	L3N/5w-28B1	45.4/ 2#=3CAL	43%/5W-33M1	Lands sub-Irrigated	Total		LON/75-441 LON/94-7H1	40%/9%-5C1	40N/9W-21A1	LON/9W-2331	40%/923%1	40%/9%-24K1	40W/9W-25J1	L1M/94-3261	1111/944-33R1 LON/944-5K1	To ta

IRRIGATED LAMDS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958 (In acres) TABLE 9 (Continued)

STEWART SPRINGS SUBUNIT	Oiversian name			Posture		Alfolfo		Grain			Truck		Total	1		
STEWART SPRINGS SUBUNIT	Owner Mixed Notive		No + c		Meadow	pasture	Barley	Wheat	Oats	o C	craps	B.Busio	rrigoted	9	*	18181
STEWART SPRINGS SUBUNIT WEED SUBUNIT 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0							ı	l								
WEED SUBUNIT 12 12 14 15 16 17 18 18 18 19 19 19 19 19 19 19						STEV			TINDE							
WEED SUBUNIT 10	George and 4.0 Anita Zabella Vanderbilt	07											07			077
WEED SUBUNIT 167 WEED SUBUNIT 167 167 167 168 179 189 189 189 199 199 199 19	Reorge and 29	53	· · ·										20			29
WEED SUBUNIT WEED SUBUNIT 167 109 11 109 11 11 11 11 11 11	Vanderbilt	1					1			1			1	1	1	
WEED SUBUNIT 167 167 197 198 198 198 198 198	Total Stewart Springs Subunit 69 0		0		0	0	0	0	0	0	0	0	69	0	O	69
12 167 167 119 129 129 129 129 129 129 129 129 129							WEED	SUBUNIT								
82 3 109 109 82 82 3 4 4 4 4 18	Dwirht, and Stuart 133 Hummond	133			34								167			167
12 109 109 109 11 12 12 12 12 12 12 12 12 12 12 12 12	International Paper 58 24 Company		274										82			82
12 82 82 3 3 5 7 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Southern Pacific 3 Company	€	w)										С .			6
12 82 33 3 233 2 2 333 2 2 333 2 2 333 2 2 333 2 2 333 2 2 3	International Paper Company	601											109			109
12 233 233 2	Petr Salanti 82	822	· · · · · · · · · · · · · · · · · · ·										82			82
12 233 233 2	Charins S, and Dora Davidson	e .	<u></u>		_								m			6
233 233 2	Mike Belcastro	44	14										77			77
	Flayd Barnum 47 124 william 4. Aing John 4. and Lillian 4. Mazalni	1-	121		50	12							233			233
	Stuart Harmond R 10		10										18			18

TABLE 9 (Continued) IRRIGATED LANDS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958 (In acres)

	Diversion name		Posture		Alfolfo		Grain			Truck		Total			
location	0 € • 0 € 0	Mixed	- O Z	Meodow	posture	Borley	Wheot	0015	, o	crops	Orchard	icrigoted	idie	Follox	10101
n c					WE	WEED SUBL	SUBUNIT (Continued)	(panul							
11/52-03]	Net whit Harmond	50	77	20			_					103			103
111/54-901	Ples Connolly			7	п							18			18
11/54-912	Dwght Hammond		-		23							23			23
113/54-11A1 113/54-1201	Elmer H. and Inez Nary Meline	23										27			27
413/5w-12C2	Elmer H. and Inez Mary Meline	η										4			7
111/54-12D1 L11/54-12C2	Slmer H. and Inez Mary Meline	15	_									15			15
413/5# - 1231	Frank and Maria Rovito	27	67	17					13			106			8
11N/5W-11C1	Frank A. Kellog George Ladewig									•			4	779	105
113/54-1651	Delght Harmond	9		N								п	-		7
411/511-1641	Dwight Hammond			14					-3			18			18
L1:1/5w-17F1	Gertrude Crechriou				39							39			39
L11/5W-17F2 L11/5W-5K1 L11/5W-7F1	Danght and Stuart Harmond Stuart Harmond Edson-Foulke Yreka Ditch Co.	153	161	68								382			382
LIN/SW-21A1	Homer Murphy	103										103			103
1111/5W-21A2	Dwight Hammond	٣										m			٤
Ll:/54-21A2 Ll:/54-21R1 (Eddy Cr. Subunit)	Dwight Hammond	29		59								96			%
111/5W-2111 111/5W-2101 111/5W-16EL	Dwight Hammond		135									135			135

TABLE 9 (Continued)
IRRIGATED LANDS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958
(In acres)

	10101		24	09	37	118	18	176	779	9	77	777	116	99	37
	0110														
	a la														
Total	irrigated		24	09	37	118	18	77	779	9	24	777	116	99	37
	Orchard														
Truck	crops														
	, o														
	0048	linued)													
Grain	Wheat	SUBUNIT (Continued)													
	Barley	WEED SUBU		·	9								10	10	
Arfolfo	hoy and pasture	WE					7/		27	т			12	12	
	Me ado			16		13		13				т	15	30	
Pasture	No + ce												9		
	Mixed		21,	177	31	35	13	36	19	3	24	177	73	35	37
Diversion name	0 4 11 6 1		Dwight Hammond	Samuel C. Jackson	Samuel 3. Jackson	Samuel C. Jackson	å. B. Hoy	H. L. and Louise C. Vidrickson Mike Beleastro H. L. and Louise C. Vidrickson	A. B. Hoy H. L. and Louise C. Vidrickson H. L. and Louise C. Vidrickson	A. B. Hoy	A. B. Hoy	A. B. Hoy	A. B. Hoy	Samuel C. Jackson	Treest and tosina Srada Lawrence and Wyrtle i. Julivan Treest and dosina Spada
	location	2 0 0	him/5w-21al (Eddy Cr. Subunit)	1,12W5W-21,1	L23/5W-22R1	L2N/5W-22R1 L2N/5W-22P1	L28:/5w-23F1	L2%/5%-25%1 L2%/5%-25F1 L2%/5%-26J1	1211/54-25P2 1211/54-25N2	42N/5W-26B1	4211/54-2681 4211/54-26H1	423/5w-2671	12",/5W-26H1	1237/54-27D1 1237/54-27D2 1237/54-24R1	42%/5%-28C1 12%/5%-2851

TABLE 9 (Continued)
IRRIGATED LANDS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958
(In acres)

	Total		12	%	20	23	1,5	21	147	22	39	30	52
	Follox												
	ldie												
Total	irrigated		12	36	50	23	1,15	23	147	22	39	30	25
	Orchard												
Truck	crops												
	, 0 1												
	Oats	finued)											
Grain	Wheat	SUBUNIT (Continued)											
	Barley	WEED SUBI									10		
Alfolfa	posture	WE											11,
	Meadow			36	20	10	511		65			30	
Pasture	No + 1 × e		12										
	Mixed					13		23	88	22	29		61
Oiversion nome	Owner		Frank Alexander William Wellons	Lawrence 2. and Myrtle P. Sullivan	A. W. and Alma Weal	Lawrence L. and Myrtle P. Sullivan	A. W. and Alma Weal Harry Lemos A. W. and Alma Neal Laverne R. Rucker Errest E. and Dorothy W. Solus	Samuel C. Jackson	Samuel C. Jackson	Ernest and Rosina Spada	A. W. and Alma Neal	Ernest E. and Dorothy N. Solus Harry Lemos Ernest E. and Dorothy N. Solus	Harry Lemos A. W. and Alma Neal Laverne R. Rucker Ernest E. and Lorothy M. Solus
Diversion	lacation	도 중 B C 도	12:1/54-2851	L2N/5W-2852	L2N/5W-28E1	L2N/5W-28K2	L2N/5#-28P1 L2N/5#-33K1	L2N/5W-28Q1 L2N/5W-28R1	L2%/5W-29R1 L2%/5W-28J1	L2N/5W-29A1	L2N/54-33C1	L2N/5W-33C2 L2X/5W-33L1	Δ2N/54-33K1

IRRIGATED LANDS IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958 (in acres) TABLE 9 (Continued)

		I																			
	Toto1			27	W	22	172	8	27	1,8	315	1415	7	17	3,837		32	2	37	7	777
	¥ 0 0 3						5			77					80						
	die														177						
Total	in goted			27	V	22	170	80	77	34	315	24.1	7	17	3,716	-	32	2	37	7	11/2
	Orchord										-			1	0						
Truck	crops														0						
	, v			-											17						
	0015		(panu								n				Ħ	FINI					
Groin	Wheol		SUBUNIT (Continued)									18			18	WILLOW CREEK SUBUNIT			17		
	Borley	1													92	LOW CRE		2		7	6
Aifoifo	posture posture		WEED			22	7	80		ν.	118	50	-		363	- ¥ -	32		50		
	Meodow				N		77			77	50	59		7	302						
Posture	0 Z										6,1	~			581					-	
	Mixed			27			159		42	52	66	111	7	10	1,994						₩.
Diversion name	Owner			Harry Lemos	Harry Lemos Ernest E. and Dorothy N. Solus	Willard R. Caldwell	Mike Belcastro	Mike Belcastro	Joe belcastro	Mike Balcastro	Cecils Carrick Crooks Mae Carrick Cody	Roger Zwanziger	John H. Linville	John H. Linville	Total Weed Subunit		James Lamron	Howard Damron	Howard Damron	sathryn Heinsen	Kathryn Heinsen
000	location		MDB&M	L2N/5W-33K2	12N/54-33L1	1211/5W-3LKC	L2N/5W-35A1	L2N/SW-35B1 L2N/SW-35A1	L2N/5W-35L1	12N/5W-36B1	1211/5W-36HI	L2N/5W-36H2	L2N/5W-36MI	L2N/5W-36M2	Total		L2N/6W- "Q1	423/64-1713	1237/64-1741	L2N/6W-1931	123/64-1932 123/64-1960

TABLE 9 (Continued)
IRRIGATED LANDS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958
(In ocres)

	10101			11	20	50	1.8	7	7	12	17	16	220			53	113	11	58	26	777	٥٠.	
	Follow												0										
	od e				20								50				•						
Total	londs			174		50	18	7	ন	12	17	16	200			53	113	п	28	56	775	6	
	Orchord							2				1	2						-				_
Truck	and field crops											1	0										
	Ноу	:	nued)						7			16	50										
	0005		SUBUNIT (Continued)			20							50	- FINIBILE	- - -								
Groin	Wheot	ı										-	17	ר השוביא אנוש					_		12		
	Borley		WILLOW CREEK					۲۷					23						·	58			
Arfolfo	hay and posture		WILL				1.8			12	12	-	76	>	-	53	£17	11	28		17	6	
	Meodow			1h								1	77										
Posture	• • • •												0										
	Mixed										72		10								13		
Oiversion nome	0 ¥ ner			Kathrym Heinsen	Gertrude Crechilou	Kathrym Heinsen	J. A. Payton	Gertrude Crechriou	Bertha A. Ashburn	Menentall Brothers	Menenhall Erothers	Menenhall Brothers	Total Willow Creek Subunit			Laura M. Cawley	Laura M. Cawley Fred W. Burton	Fred W. Burton	Fred W. Burton	Fred W. Burton	Fred W. Burton	Fred W. Burton	
	Oiversion location		지 경 경 경 경 경 경 경 경 경 경 경 3 3 3 3 3 3 3 3	L2N/6W-19K2	123/6W-19MI	42%/5%-30B1	123/74-1261	123/72UR1	12N/7n-25C1	433/74-181	L3N/7W-1J1	43%/7%-184 43%/7%-131	Total			141.47/141	1,111,774-13.1 1,111,774-8A.1	1,121/7,4-51.1	11111/77-591 1111/74-861	141/74-731 141/74-893 141/74-821	1411/74-7R1	באפ-אין/געע	

IRRIGATED LANDS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958
(In acres) TABLE 9 (Continued)

Part of No. 1 Part of No.	ć	Diversion name		Pasture		Arfolfa		Grain			Truck		Total			
Fred 4. Burton Fred 1. Burton Fred 1. Burton Fred 1. Burton Fred 2. Burton Fred 2. Burton Fred 3. Burton Fred 3. Burton Fred 4. Burton Fred 4. Burton Fred 4. Burton Fred 5. Burton Fred 5. Burton Fred 5. Burton Fred 5. Burton Fred 6. Burton Fred 6	location	O Wher	Mixed	No	Meadow	hay and pasture	Barley	Wheat	Oats		ond field crops	Orchard	lands	idie	F0110*	Tatal
Fred M. Burton 56 9 12 77 Fred M. Burton 7 8 6 7 Fred M. Burton 7 3 3 3 Fred M. Burton 7 3 3 3 Fred M. Burton 87 3 3 3 Fred M. Burton 87 3 37 87 3 M. S. Picker 5 5 87	3 0 0					YRE			T (Continu	(pa)						
Fred W. Burton Fred W	2. 2. 2. 2. 2.					-							_			
Fred W. Barton 56 9 12 77 Fred W. Barton 7 8 7 8 Fred W. Barton 7 9 7 7 Fred W. Barton 7 9 7 7 Fred W. Barton 5 7 7 7 Street and Schna 55 7 8 7 5 Ren Brante 26 156 7 136	LLM/7w-8K1	Fred W. Burton				11							11			п
Fred N. Burton Fred N. Burton Fred N. Burton Fred S. Burton Fred S	1421/7W-8K2 1413/7W-8K3	Fred W. Burton				95		6		12			77			77
Fred N. Burton Fred	LILIN/TW-SKL	Fred W. Burton						Φ					00			80
Fred to burdon Fred	14N/7.1-8Q1	Fred W. Burton				7				•			2			7
Street and Zellaa	1441/74-8-2	Fred W. Burton						3					m		-	٣
W. S. Flock 5 25 5 Extract and Zelma waiter 25 25 25 Ben Brazle 26 156 156 156 Joseph A. Lenos 37 15 15 15 Normond L. Grand 37 4 4 4 4 C. F. Burgess 2 11 6 3 22 22 Gerald Lange 2 11 6 3 22 25 Gordon C. Jarres 5 5 5 5 5 Gerald Lange 2 2 5 5 5 Gerald Lange 2 2 5 5 5 Gerald Lange 6 3 6 5 Gerald Lange 6 3	1441/74-9FJ	Ernest and Zelma Walter				87							87		w	65
Extrest and Zelma 25 26 28 28 186 <	14N/7W-10F1	W. 5. Flock	N	_					,				٧.			۱۸
186 186 186 186 186 186 186 186 186 186 196	באיסב-איז/ויבונו	Ernest and Zelma				25	-						25			25
Joseph A. Lamos 37 15 15 15 37 32 22 </td <td>1418/7W-11P1</td> <td>Pen Brazie</td> <td>28</td> <td></td> <td></td> <td>158</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>186</td> <td></td> <td></td> <td>186</td>	1418/7W-11P1	Pen Brazie	28			158							186			186
C. F. Buryess 2 L <	山山/7本-381	Joseph A. Lemos								15			15		_	15
C.F. Burgess Gerald Lange 2 Gerald Lange 25 Gordon C. James Jordon C. James Jordon C. James Gerald Lange 65 Gerald Lange 65 Gerald Lange 65 Gerald Lange 65 Gerald Lange 65 Gerald Lange 65	1554/7W-9JJ 15N/7W-10MJ	Normond L. Birard				37			. -				37	3		07
Gerald Lange 2 11 6 3 22 25 65 55	LSN/74-10R1	C. F. Burgess								7			7			-3
Gerald Lange 25 25 Gordon C. James 5 5 Weight Lange 5 5 Gerild Lange 5 22 Gerild Lange 5 22 Gerild Lange 62 62	1654/74-2151	Gerald Lange	2			17		9		8			22			22
berald Lange 5 5 Geruld Lange 22 22 Carlet Johnson 62 62	15%/7%-21K1 15%/7%-21G1 15%/7%-21R1	Gerald Lange Gordon C. James				52							25			25
Gerald Lange 22 22 Errick Johnson 62 62	1,51/74-21F1	berald Lange							5				\$			72
de d	L5%/74-2152 L5%/74-21-1	Gerald Lange				22							22			22
	LSN/74-23EL	erick Johnson				62			<u> </u>				62			29

TABLE 9 (Continued)
IRRIGATED LANDS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT, 1958
(In acres)

	Total		30	35	77.7	16	23	27	1	666	3,011 1,709 3,717 71,112 82,579
	Follow								1	v	147 0 16 1,82 <u>2</u> 1,985
;	I die									٣	88 0 1,160 1,248
Total	ionds		30	35	71	16	23	27	7	166	2,776 1,709 3,731 71,130 79,346
	Orchard								1	0	7 0 144
Truck	and freld craps									0	10 00 69 73
	Ноу		22ª							26	206 21 539 2,592 3,358
	0015	SUBUNIT (Continued)		10						1.5	108 868 983
Grain	Wheat	SUBUNIT								43	125 0 183 144 <u>6</u> 1,754
	Barley	CREEK	ed eco							377	1115 338 13,278 1,761
Aifolfo	hay and pasture	YREKA		52	1	16	23ª		미	151	1,05h 7 851 17,693 19,605
	Meadow									0	111 1,532 6 13,216 13,216
Pasture	2 0 2									0	271, 75 759 101,23
	Mixed				77			27		92	81,3 7,3 91,17 27,279
Diversion name	Owner		Josephine Brown B. R. Culp Larue Payne Albert Tebbe	Manuel F. Rose, Jr.	Manuel F. Rose, Jr.	Bob E. Dodson	Mrs. Glen Hill	Joe Le Rose	Lands irrigated by ground water	Total Yreka Creek Subumit	Lands irrigated by ground water lands sub- rrigated Lands irrigated by ground water 73 Lands irrigated by ground water 8 Lands irrigated by surface water 27,1126 ROGRAFIC MIT ROGRAFIC MIT
	location	ы в С м	15%/7%-2912	15%/7m-29MI	L5%/74-3001	L5%/74-30R1	45%/74-34P1	15W/8n-2LF1	Lands 1rri	Total	Surmary: Lands irrigated by grulands sub-irrigated by grulands irrigated by grulands irrigated by sub-irrigated by sub-irriga

a - Received partial irrigation.

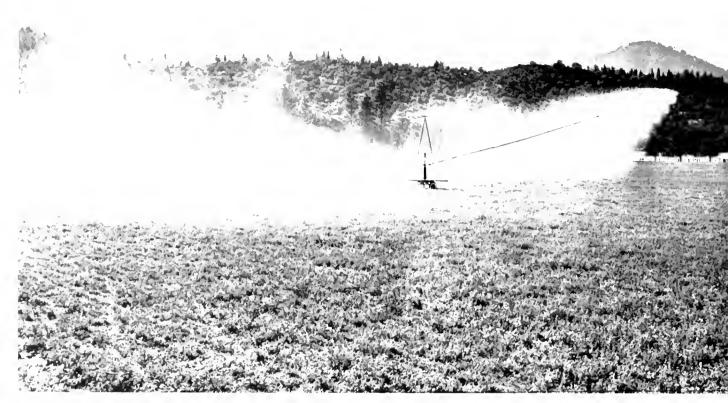
only a partial irrigation because of insufficient water supply, and (3) those lands usually irrigated but which were idle or fallow in 1958. Lands irrigated by ground water are separately delineated.

Naturally High Water Table Lands

In addition to the lands which receive applied water as described above, there are lands supporting vegetation utilizing water from a naturally high water table, such as mountain meadows or lands adjacent to lakes and streams. These are shown in Table 8 as "Meadowlands," and on Plate 2 as "naturally irrigated meadowlands." If standing water is observable in an area on which tules, cattails, bullrushes, and similar vegetation is growing, the area is shown in Table 8 and on Plate 2 as "Marshlands."

Dry-Farmed Lands

Dry-farmed lands are those cropped areas which do not receive water in excess of natural precipitation, and lands that are normally planted to dry-farmed crops but which at the time of the survey were tilled but not planted, i.e., fallow lands. Also included in this category are lands formerly dry-farmed, but which were lying idle at the time of the survey. If a field had been idle long enough to revert to its native condition, it was mapped as native vegetation. Dry cattle rangelands which are indistinguishable from lands with native cover, not used for grazing purposes, are similarly mapped as native vegetation. Water used in both cases is identical and is dependent upon precipitation.



Irricating Alfalfa, Scott Valley



The second of the service more report for the little in the state of the second of the

Urban Lands

Urban lands include the total areas of cities and towns, small communities, and industrial areas of approximately 3 acres or more. These are gross delineations, including streets and vacant lots. The lower density limit used to identify urban lands in this survey was one residence per 2 acres.

Recreational Lands

Recreational lands include camp and trailer sites, resorts, and permanent and summer homes in predominantly recreational areas, as well as motels and other commercial establishments which provide services to such areas. This category also includes parks located outside delineated urban areas. As in the case of urban lands, these delineated areas are not necessarily fully developed.

Native Vegetation

Lands which are essentially in a native state, and not included in any of the above categories, as well as scattered residences and other isolated uses too small to be delineated, were mapped as "native vegetation." However, in addition to the lands so mapped, the total acreage reported in this native vegetation category includes lands which were mapped as water surface and farm building areas, including dairies, feed lots, etc. The total of all these lands was some 800,000 acres, or about 86 percent of the Shasta-Scott Valleys Hydrographic Unit, in 1958. Most of these lands, even in their native state, are used for commercial timber production, livestock range, and recreational activities such as fishing, nunting, hiking, and picnicking.

CHAPTER IV. LAND CLASSIFICATION

Calculations of future water requirements will be based in part on a classification of lands with regard to their potential for irrigated agricultural and recreational development. The results of such a land classification survey in the Shasta-Scott Valleys Hydrographic Unit are presented in this chapter.

The former Division of Water Resources made a reconnaissance classification of lands of the State which was reported in State Water Resources Board Bulletin No. 2. A more detailed land classification survey was performed by the department and reported in Department of Water Resources Bulletin No. 83, "Klamath River Basin Investigation," dated July 1964, and Bulletin No. 58, "Northeastern Counties Investigation," dated June 1960. The area of the Shasta-Scott Valleys Hydrographic Unit was included in each of these bulletins. The present investigation uses the same basic land classification survey which was used in Bulletins Nos. 83 and 58, but additional data on classification of recreational lands have been included, along with some minor modifications to the irrigable agricultural lands, and a remapping of the present urban lands.

Lands were not classified in this survey with respect to their potential for urban development. The use of lands for urban purposes is closely related to population at any given time, and it is planned to defer designation of these lands until estimates of population and related economic studies are made in connection with determinations of future water requirements.

Methods and Procedures

Lands were classified by field inspection. The areas were mapped on aerial photographs in the field, and the total area of each parcel of land was determined by methods similar to those described for the survey of present land use.

The standards used in the classification of lands are given in detail in Table 10.

Results of the land classification survey are delineated on Plate 3, "Classification of Lands, Shasta-Scott Valleys Hydrographic Unit," sheets 1 through 18. The areas of land classification within each subunit are shown in Table 11.

TABLE 10 LAND CLASSIFICATION STANDARDS

Land:	
class :	Characteristics
symbol:	

Irrigable Lands

- V These lands are level or slightly sloping, and vary from smooth to hummocky or gently undulating relief. The maximum allowable slope is six percent for smooth, reasonably large-sized bodies lying in the same plane. As the relief increases and becomes more complex, lesser slopes are limiting. The soils have medium to deep effective root zones, are permeable throughout, and are free of salinity, alkalinity, rock, oroother conditions limiting crop adaptability of the land. These lands are suitable for all climatically adapted crops.
- H These are lands with greater slope and/or relief than those of the V class. They vary from smooth to moderately rolling or undulating relief. The maximum allowable slope is 20 percent for smooth, reasonably large-sized bodies lying in the same plane. As the relief increases and becomes more complex, lesser slopes are limiting. The soils are permeable, with medium to deep effective root zones, and are suitable for the production of all climatically adapted crops. The only limitation is that imposed by topographic conditions.



Example of Land Classification Delineated on Aerial Photograph (See page 176 for symbol explanation)

TABLE 10 (continued)

LAND CLASSIFICATION STANDARDS

Land:		
class:	Characteristics	
symbol:		

M - These are lands with greater slope and/or relief than those of the H class. They vary from smooth to steeply rolling or undulating relief. The maximum allowable slope is 30 percent for smooth, reasonably large-sized bodies lying in the same plane. As the relief increases and becomes more complex, lesser slopes are limiting. The soils are permeable, with medium to deep effective root zones, and are suitable for the production of all climatically adapted crops. The only limitation is that imposed by topographic conditions.

Any variation from the foregoing, as defined, is indicated by use of one or more of the following symbols:

- w Indicates the presence of a high water table, which in effect limits the present crop adaptability of these lands to pasture crops. Drainage and a change in irrigation practice would be required to affect the crop adaptability.
- s Indicates the presence of an excess of soluble salts or exchangeable sodium in slight amounts, which limits the present adaptability of these lands to crops tolerant to such conditions. The presence of salts within the soil generally indicates poor drainage and a medium-to-high water table. Reclamation of these lands will involve drainage and the application of small amounts of amendments, and some additional water over and above crop requirements, in order to leach out the harmful salts.
- ss Indicates the presence of an excess of soluble salts or exchangeable sodium in sufficient quantity to require the application of moderate amounts of amendments and some additional water over and above crop requirements, in order to effect reclamation.
- h Indicates very heavy textures, which make these lands best suited for production of shallow-rooted crops.
- 1 Indicates fairly coarse textures and low moisture-holding capacities, which, in general, make these lands unsuited for the production of shallow-rooted crops because of the frequency of irrigations required to supply the water needs of such crops.
- p. Indicates shallow depth of the effective root zone, which limits use of these lands to shallow-rooted crops.

TABLE 10 (continued)

LAND CLASSIFICATION STANDARDS

Land:	
class :	Characteristics
symbol:	

r - Indicates the presence of rock on the surface or within the plow zone in sufficient quantity to prevent use of the land for cultivated crops.

Urban Lands

UD - The total area of cities, towns, and small communities presently used for residential, commercial, recreational, and industrial purposes.

Recreational Lands

- RR Existing and potential permanent and summer home tracts within a primarily recreational area. The estimated number of houses, under conditions of full development, is indicated by a number in the symbol, i.e., RR-3 is suitable for three houses per acre.
- RC Existing and potential commercial areas which occur within a primarily recreational area and which include motels, resorts, hotels, stores, etc.
- RT Existing and potential camp and trailer sites within a primarily recreational area.
- P Existing and potential county, state, federal, and private parks, racetracks, and fairgrounds.

Miscellaneous Lands

- F Presently forested lands, or lands subject to forest management, which meet the requirements for irrigable land but which, because of climatic conditions and physiographic position, are better suited for timber production or some type of forest management program, rather than for irrigated agriculture.
- Vm Swamp and marshlands which usually support a heavy growth of phreatophytes and are covered by water most of the time.
- N Includes all lands which fail to meet the requirements of the above irrigable, urban, and recreational and miscellaneous classes.

TABLE !!

CLASSIFICATION OF LANDS IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

(in ocres)

									Irrigable		agricultural lands									Present	2 6	,				and a college M	
Subunit					Smooth lying	lying						Gently	Gently staping		-	St	Steeply sloping	Buid	-		- s	ř	Mecredilondi idnas	SDUDI ID		iand	•
	>	:	5	d>	>	Vpr	>	sd/	88>	0.0	ı	ī	T O	ī	ă	2	a ¥	ž	I day	3	œ	e e	F	dd	Total	u.	É
ale m. M. Lie	\$:				0	O	0	С	0	0	07	0	0	02	0	0	0	0	0	200		0	R	0	2	056,4	0
Th 18 1 4 4 4	0.00%	97	٥	0	306	0	0	0	0	0	3,080	0	630	0	0 1,	1,360	940 St	20	0 11,000		8	0	0	0	0	70	0
Timell seservoir	1. L. L. 1. 270	1,27	2.	0	9,120	R	0	lte	8	0	992	150	870	740	370	169	R	2	30 30,390		01	0 0	20	0	8	16,750	8
Sast Form	2, 50	180	0	0	120	0	0	0	0	0	1,740	0	8	0	70 1.	1,040 1,	1,500	0 2.10	0 7,370			0	30	0	110	1,.10	97
612y Creek	8	230	0	0	С	0	0	0	0	0	η,10	0	0	160	014	8	g g	93	0 1,070	021	С	0	0	0	0	520	0
E-13	12,410	S	0	0	2,560	0	0	0	0	0	λ, υ ιο	0	13	8	0 1,	1,160	10	0	0 30,560		250	01	8	'n	07	0	0
State Lake	270	170	0	0	0	0	0	0	0	0	120	20	0	R	01	0	0	0	· · ·	880	01	0 0	30	0	R	2,350	2,350 1,170
orenada.	15,230 5,380	5,380	0	0	3,40	0	0 2,080	0	0	14.0	2,730	0	1,240	630	1,50	\$	8	0	0 31,820		170	0	0	0	0	8	8
Acest Company	0	9	0	0	0	0	0	0	0	0	50	0	0	0	0	02	0	0	0	130	-	8	130	0	170	059	0
	24,440	8	0	2,050	3, 100	3,010	330	0	1,170	150	3,580	0	8,270	780 1,	1,5%	120 1,	1,010	0 1,20	0 53,950		200	0	0	0	0	0	8
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Stackleford Greek		326	0	0	0	0	0	0	0	0	160	0	0	0	0	0	0	98		0.9	· ×	350	8	0	380	510	0
South Pork	~	34,0	0	0	0	0	0	0	0	0	400	0	0	190	0	980	2	0	0 2,0	2,000	0	0 0	110	0	011	1,150	0
Stream Springs	3	2	0	0	2	0	0	0	0	0	70	0	0	1.00	0	0	10	0	- - -	091	0	809	0	0	8	250	0
D of a	78.7	96	240	0	680	0	0	0	0	0	1,790	640	0	1,260	8	110	90 100		0 7,880		23	0	0	9	ο'n	1,570	0
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Tajor Categories of Land Classes

The lands marped can be grouped into four major cate-gories: (1) irrigable lands, (2) urban lands, (3) recreational lands, and (4) miscellaneous lands: irrigable lands deemed best suited to remain under forest or range management, marshlands, and all those lands which fail to meet the requirements of the first three land class categories.

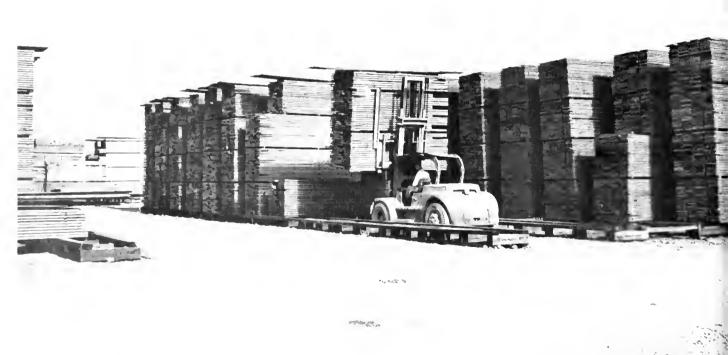
Irrigable Lands

Irrigable lands are classified according to their suitability for development under irrigated agriculture, and to their crop adaptability. Presently irrigated lands are included, but urban lands and recreational lands are not classed as to irrigability. In this survey, only physical characteristics of the land were considered. The time element with respect to when the lands might be developed did not enter the determination, except that suitability for irrigated agriculture was necessarily considered in light of present agricultural technology.

There are many factors which influence the suitability of land for irrigation development. Soil characteristics and physiography are the most stable aspects of the land, and were therefore considered in classifying lands as to irrigability. Other factors, such as the production and marketing of crops, the location of lands with respect to a water supply, and climatic conditions, were not considered in the basic classification. These latter factors are very important in estimating the nature of future cropping patterns and practices, and will be given due consideration when estimates are made of future water requirements.



Feed Mill, Montague



Stacking Lumber for Air Drying, Yreka

Urban Lands

As previously stated, the lands of Shasta-Scott Valleys Hydrographic Unit were not classified with respect to their potential urban use. Only those lands devoted to urban uses in 1958 are designated herein as "urban" lands.

Recreational Lands

Present trends indicate an expanding rate of use and demand for recreational facilities throughout the State. In view of these trends and the ever-increasing population, it is recognized that there will be a demand for substantial land areas for recreational purposes. This is particularly true of the mountainous regions, where this type of development is expanding rather rapidly at the present time.

Generally speaking, all mountainous lands are suitable for some recreational use such as hunting, fishing, and similar outdoor activities. However, for purposes of this investigation, only those lands which are now, or in the future may be, used intensively for permanent and summer home tracts, commercial areas, camp and trailer sites, and parks outside of urban areas, were classified for recreational use.

Lands suitable for potential recreational areas were classified by field observation. Primary considerations were such physical factors as soil depth, slope, and rockiness; such aesthetic values as view, nearness to lakes or streams, or density and type of forest canopy suitable for the respective uses; and the plans of federal and state forest officials. The availability of an existing water supply was an important factor in classification

of camp and trailer sites, but isolation from existing roads did not influence such classification.

Miscellaneous Lands

Presently forested lands or lands best suited for forest management which are otherwise irrigable are classed as "F" lands. Lands which were designated in the land use survey as "marshlands" are classified as "Vm" lands.

Lands which failed to meet the requirements previously described in this chapter are herein called "miscellaneous," and amounted to approximately 708,000 acres, or 76 percent of the unit. These "other lands" are not shown in Table 11.

CHAPTER V. SUMMARY

The Shasta-Scott Valleys Hydrographic Unit, which contains 1,456 square miles of central Siskiyou County, lies within the Klamath River Basin of the North Coastal area. It includes the entire watershed of the Shasta River and that portion of the Scott River watershed which is above the gaging station "Scott River near Fort Jones," some 20 miles above the confluence of the Scott and Klamath Rivers. Shasta Valley, with a north-south length of about 30 miles, and a maximum width of about 15 miles, has an area of about 220 square miles, and varies in elevation from 2,500 feet near Montague to 3,000 feet near Edgewood.

Scott Valley, which has a north-south length of about 20 miles, is narrow at its southerly upstream section near Callahan, and has a maximum width of 7 miles near Greenview. Its area is about 100 square miles and, like Shasta Valley, varies in elevation from 2,500 feet to 3,000 feet above sea level. The rugged mountains surrounding the two valleys comprise the remaining 1,136 square miles of the hydrographic unit.

Valley and foothill lands constitute about 24 percent of the total area. Agriculture is the largest single commercial enterprise in the unit. Approximately one-third of the presently cultivated lands are dry-farmed, and two-thirds are irrigated. The major irrigated crops are pasture and grain. Lumbering and associated wood products manufacturing are additional important local activities. The largest town in the unit is Yreka, with a 1960 population of about 5,000.

Water Use

Most of the water rights in Shasta Valley and some of the water rights in Scott Valley have been adjudicated by legal action, and others have been defined by private agreements. The remaining use is based primarily on riparian rights, or on appropriative rights established prior to 1914, by merely diverting and using the water.

As of June 28, 1960, a total of 68 active applications to appropriate water in the unit were on file with the State Water Rights Board. Permits or licenses were granted for 66 of these applications, and 2 were incomplete.

Approximately 73 percent of the 547 surface water diversions located were measured during 1958. The primary uses and amounts diverted are summarized below:

Primary use	Diversions located	Diversions measured	Amount measured (acre-feet)
Irrigation	529	387	276,800
Municipal	10	4	1,400
Industrial	6	2	2,900
Power	1	1	1,000
Recreation (golf course)	1	_1	100
TOTALS	547	395	282,200

The total consumptive use of applied water during 1958 is estimated to have been 42,820 acre-feet, of which 39,430 acrefeet were used for irrigated agriculture, 1,760 acre-feet for domestic and municipal purposes, and 1,630 acre-feet for industrial purposes in the production of wood products.

Land Use

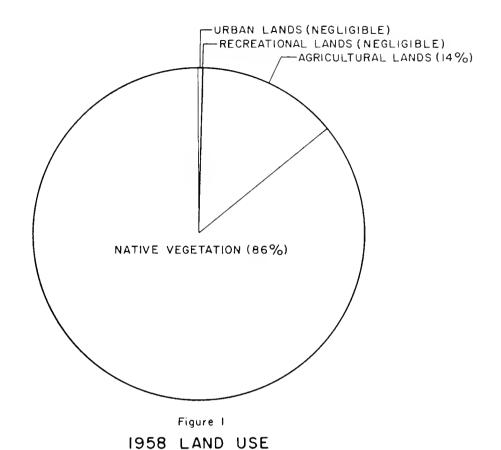
The areas of present land uses within the Shasta-Scott Valleys Hydrographic Unit are summarized below. They are shown on Plate 2 and illustrated graphically by the pie-chart in Figure 1.

<u>Use</u>	Area, in acres
Agricultural lands	
Lands irrigated in 1958	79,380
Lands normally irrigated bidle or fallow in 1958	ut 3,230
Dry-farmed lands	40,380
TOTAL	122,990
Recreational lands	90
Urban lands	3,280
Meadowlands	4,020
Marshlands	1,380
Native vegetation	800,140
TOTAL AREA OF UNIT	931,900

Land Classification

The land classification survey reported in Department of Water Resources Bulletins Nos. 58 and 83 was used in this investigation, with additional data on classification of recreational lands, some minor modifications to the irrigable agricultural lands, and a resurvey of present urban lands. The results of these surveys are summarized below. They are shown on Plate 3, and are illustrated graphically by the pie-chart in Figure 2.

Classification	Area, in acres
Irrigable agricultural lands	219,050
Recreational lands	1,910
Present urban lands	3,280
Miscellaneous lands	
Irrigable forest management lands	33,060
Other lands (including "Vm" lands)	674,600
TOTAL AREA OF UNIT	931,900



PRESENT URBAN LANDS (NEGLIGIBLE)

RECREATIONAL LANDS (NEGLIGIBLE)

IRRIGABLE AGRICULTURAL LANDS (24%)

OTHER LANDS
(72%)

Figure 2

CLASSIFICATION OF LANDS

APPENDIX A COORDINATED STATEWIDE PLANNING PROGRAM

APPENDIX A

COORDINATED STATEWIDE PLANNING PROGRAM

California's major water problem today is that of development and delivery of supplemental water supplies to meet increasing water requirements throughout the State. The problem involves (1) the regulation of seasonal and cyclic fluctuation of streamflow to meet demand schedules in the areas of origin, and (2) the transmission of regulated surplus flows over long distances to areas of deficiency. The development and long distance transfer of water is currently accomplished by such major facilities as the federal Central Valley Project and the Colorado River Aqueduct of The Metropolitan Water District of Southern California. However, such development and transfer will be considerably broadened in scope by the State Water Facilities.

Consumptive water requirements of the State on a basin-wide basis were estimated in State Water Resources Board Bulletin No. 2, "Water Utilization and Requirements of California," June 1955. However, to provide for local water needs while considering specific export projects, more detailed information must be made available on present and projected future water requirements of the areas in which the projects are to be built. This will necessitate considerably more detailed collection and analysis of data on the hydrology, land use, land capability, and economics.

Recognizing that additional information is needed if the water needs of areas of origin are to be adequately protected in large-scale water development projects, the 1956 Legislature authorized an investigation to determine the water resources and water requirements of the respective watersheds in the State. The authorization is contained in Chapter 61, Statutes of 1956, as amended by Chapter 2025, Statutes of 1959. This legislation is codified in Section 232 of the Water Code as follows:

- "232. The Legislature finds and declares that in providing for the full development and utilization of the water resources of this State it is necessary to obtain for consideration by the Legislature and the people, information as to the water which can be made available for exportation from the watersheds in which it originates without depriving those watersheds of water necessary for beneficial uses therein. To this end, the department is authorized and directed to conduct investigations and hearings and to prepare findings therefrom and to report thereon to the Legislature at the earliest possible date with respect to the following matters:
- (a) The boundaries of the respective watersheds of the State and the quantities of water originating therein;
- (b) The quantities of water reasonably required for ultimate beneficial use in the respective watersheds;
- (c) The quantities of water, if any, available for export from the respective watersheds:
- (d) The areas which can be served by the water available for export from each watershed; and
- (e) The present use of water within each watershed together with the apparent claim of water right attaching thereto, excluding individual uses of water involving diversions of small quantities which, in the judgment of the Director of Water Resources, are insufficient in the aggregate to materially affect the quantitative determinations included in the report.

"Before adopting any findings which are reported to the Legislature, the department shall hold public hearings after reasonable notice, at which all interested persons may be heard."

For purposes of this investigation, the State has been divided into twelve major hydrographic areas which are shown on Plate 1. These areas, in turn, have been subdivided into hydrographic units generally comprising watersheds of individual rivers. Basic data on present water uses, together with the apparent claim of water right attached thereto, present land uses, history of land and water uses, and the classification of lands will be presented separately for each hydrographic unit in this series of reports on land and water use. Bulletin No. 94-5, "Land and Water Use in Shasta-Scott Valleys Hydrographic Unit," is the fifth of a series reporting the results of these surveys.

In this program, the Department not only develops the basic data such as are presented in this report, but utilizes these data in preparing the best possible current estimates of future water requirements to supersede those of Bulletin No. 2 and other earlier studies. These projections, together with hydrologic and water quality data on local water supplies, and estimates of the resulting excesses or deficiencies, will be published in a second series of bulletins, designated as the Bulletin No. 142 series.

Calculations of future water requirements will be based on predicted future land uses derived from land classification surveys, economic studies, population forecasts, industrial and agricultural development, and recreational needs. Agricultural water requirements will be based on unit water use by the

various predicted crop types. Urban and recreational requirements will be based on per capita water use values. Fish and wildlife requirements will be based on the amount of streamflow needed, or the water demands for wildlife. Industrial water requirements will be based on measured water deliveries to various types and sizes of industries now existing. In forecasting future industrial development, water quality problems will be given full consideration.

Water resources will be determined from records of all stream gaging stations, including new stations which were established for this and other investigations of the Department. The new stations were generally constructed on streams which originate in the smaller watersheds, for which runoff data are necessary, but for which no data have been available.

APPENDIX B

REPORTS ON RELATED INVESTIGATIONS AND OTHER REFERENCES

APPENDIX B

REPORTS ON RELATED INVESTIGATIONS AND OTHER REFERENCES

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APPENDIX C LEGAL CONSIDERATIONS

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APPENDIX C

LEGAL CONSIDERATIONS

There are set forth in the following paragraphs brief general statements with respect to the California law of water rights, to supplement, and to provide a background for information on water rights contained in Chapter II. Also included is a tabulation of currently valid applications to appropriate water within Shasta-Scott Valleys Hydrographic Unit filed with the State Water Rights Board.

California Water Rights

In California, water rights convey only the right to use water. Until absolute possession of water is acquired by some artificial means, no one owns water. However, the owner of water rights is entitled to enjoy them without interference by other users who have rights which are inferior to his.

Five kinds of water rights are recognized in California. These are riparian, overlying, appropriative, prescriptive, and pueblo. Riparian rights attach to surface water and water flowing in known and definite subterranean channels, while overlying rights attach only to underground water. Appropriative and prescriptive rights may be acquired in either surface or underground waters. Pueblo rights are now exercised in California only by the cities of Los Angeles and San Diego, each of which has a paramount right to satisfy its full needs from the stream system of waters flowing by the former Mexican pueblo from which each sprang.

All water rights, both to surface and to underground water, are subject to the doctrine of reasonable beneficial use

expressed in Section 3 of Article 14 of the California Constituti and Water Code Sections 100 and 101. This doctrine limits water rights to the quantity of water reasonably required for beneficia use and prohibits waste, unreasonable use, and unreasonable metho of use or diversion.

Riparian Rights

A riparian right entitles the owner of lands which bord or front on a watercourse to take water therefrom for use on such lands within the same watershed. However, the rights of the owner of riparian land are limited to the reasonable beneficial use of the natural flow of water which passes his land. Riparian rights pass with the title to the land, unless expressly reserved or excepted from the interests transferred, and are not gained by use or lost by mere nonuse. Although the land must be contiguous to the watercourse, the length of the frontage is not determinate of the rights; a large tract with a small frontage on a stream may be riparian to the stream. But the original grant determines the character of the land, and only the smallest contiguous tract he under a single title retains riparian rights.

A riparain owner has no right to any specified amount of the water of a stream as against other riparian owners. He has rights only to a reasonable share from the stream -- a correlativity which he shares mutually with other riparian owners. In the event of insufficient water for all, the available supply mutual portioned, except that an upper riparian owner may take the

whole supply if necessary for domestic use. As against appropriators, the riparian owner has the paramount right to all the water of the stream which he can put to reasonable beneficial use, but that is the extent of his right, and the appropriator can take the surplus.

Riparian rights do not authorize use of water on nonriparian land, nor do they permit the seasonal storage of water. Neither do they prevent temporary appropriation by others of water not presently needed for use on riparian land.

A parcel of land becomes nonriparian when severed from land bordering the stream, unless the riparian rights are reserved for the severed parcel by the grantor. Riparian rights may be destroyed when purportedly transferred apart from the land by grant, contract, or condemnation, and may be impaired or lost through prescription.

Overlying Rights

Owners of lands overlying a common underground water supply have the right to withdraw water for reasonable beneficial use on their overlying lands. Such overlying rights are analogous to riparian rights, in that both are based on ownership of land, and the rights of each overlying owner are mutual and correlative to the rights of all other owners. In the case of insufficient water to fully supply the requirements of all, the available supply must be equitably apportioned.

Overlying rights do not include use of water on nonoverlying land. However, surplus water not presently required for beneficial use on overlying land, and which may be withdrawn without creating an overdraft on the ground water supply, may be appropriated for use on nonoverlying land. But the overlying rights are paramount and all appropriative rights are subject to the future requirements of overlying land.

Appropriative Rights

An appropriation of water is any taking of water for other than riparian or overlying uses, whether such taking is from the underground by wells or from surface streams by direct diversion or storage. An appropriator, in the legal sense, is one who initially takes water without possessing rights which are based on the ownership of land. As between appropriators, the one first in time is the first in right. A prior appropriator may take all the water he needs up to the full amount to which he is entitled before a later appropriator may take any.

Normally, appropriative rights are inferior to riparian rights. An exception to this is the case of an appropriation of water diverted from streams flowing through vacant public lands before the riparian lands were withdrawn from the domain of the United States. The appropriative diversions or the lands they serve may be either upstream or downstream from the riparian lands. Any water not needed for the reasonable beneficial uses of those having prior rights may properly be appropriated.

No formal or statutory procedure is or ever has been prescribed or required in this State for those who take water by means of wells from underground percolating waters or underground basins. An appropriative right to take surplus water from such

sources is acquired by extracting such water from the underground and applying it to beneficial uses.

Provided the development and application to use are completed with reasonable diligence, the priority of the right as against another appropriator related back to the first substantial act toward putting the water to use or to the date of application. Until 1872, water flowing in natural streams was appropriated by taking the water.

Sections 1410 through 1422 of the Civil Code, enacted in 1872, established a permissive procedure for perfecting an appropriation of surface water. Provision was made for posting a notice of appropriation at the proposed point of diversion and recording a copy with the county recorder. If the statutory procedure were followed and the appropriation completed with due diligence, priority related back to the date of posting; otherwise, priority was established only when the water was put to beneficial use.

Since the effective date of the Water Commission Act of 1913, December 19, 1914, appropriation of surface water and water in subterranean streams flowing in known and definite channels has been by compliance with required statutory procedure. An appropriation of such water now can be made in accordance with the provisions of Part 2, Division 2 of the Water Code (Water Code Sections 1200 to 1801). An application to appropriate unappropriated water must be filed with the State Water Rights Board. If the application is approved, a permit is issued authorizing the appropriation. When the appropriation has been completed, an inspection is made and a license is issued, to the extent of beneficial use, provided the terms and conditions of the permit have been fulfilled.

The priority of a permit or license relates back to the date of the application.

A right to appropriate water may be lost either by abandonment or by continuous nonuse. To constitute abandonment, there must be concurrence of act and intent, wherein possession is relinquished with no intent to resume it for a beneficial use.

Abandonment is, therefore, always voluntary and factual. In the case of an appropriation initiated prior to 1914, continuous nonuse for a period of five years results in the loss of appropriative water rights. In the case of appropriative rights acquired pursuant to the Water Commission Act or the Water Code, continuous nonuse for a period of only three years may result in loss of such rights.

Where ground water and surface water are interconnected, one acting as a tributary to the other, both are treated as part of a common supply and users of water from either source are entitled to protection from substantial injury as a result of use by others of water from the other source. Thus, an owner of land riparian to a stream may have his right to the use of water protected against impairment by an appropriator of percolating ground water tributary to the stream and required for the maintenance and support of its flow. Likewise, where water from a stream percolates to a ground water basin or stratum, the owner of land overlying the ground water supply may be protected from an appropriation of water from the stream if this causes a substantial impairment of the ground water supply. As between riparian use of surface water and overlying use of ground water tributary to the stream, a sharing of the available water supply on the basis of reasonable beneficial use should be made.

Prescriptive Rights

It is possible to appropriate surface or ground water which is presently needed by others to satisfy riparian, overlying, or prior appropriative rights. Such appropriations may ripen into prescriptive rights where the use is actual, open and notorious, hostile and adverse to the original owners, continuous and uninterrupted for the statutory period of five years, made under claim of right, and with payment of taxes whenever such have been levied on the water rights. Absence of any of these essentials precludes the acquisition of prescriptive water rights.

Prescription of a right thus requires that, for a period of five years, the rightful owner either knows or should know of the adverse taking and fails to take any physical or legal steps to interrupt such taking. Irrespective of the needs or demands of the riparian, overlying, or prior appropriative user, an absolute right to only a fixed amount of water may be acquired by prescription. The quantity of such a right is determined by beneficial use. However, present use is the measure of the prescriptive right, and future needs cannot be included.

Riparian rights, overlying rights, appropriative rights, and prescriptive rights may be lost or diminished by prescription. While there is sufficient water flowing in a stream to supply the wants of all parties, the use of the water by anyone does not deprive the others of their water supply and, hence, is not an invasion of their rights. The same principle applies to a downstream diversion of water as against the rights of an upstream riparian landowner or prior appropriator. At times when the safe yield of a ground water basin exceeds the needs of overlying

landowners and appropriators, their prior rights are not invaded by a later appropriative taking of water from the underground supply. The later appropriation becomes adverse only when the ground water basin is overdrawn; that is, when the annual draft exceeds the safe annual yield. Although neither an overlying owner nor a prior appropriator may prevent a taking of surplus water, either the owner or the appropriator may institute legal proceedings to safeguard the supply once a surplus ceases to exist, and may enjoin any additional use beyond the point of safe yield. Since prescriptive rights can only be acquired to nonsurplus water, these rights cannot ordinarily be acquired against the future needs of riparian or overlying owners.

The prior appropriator, lower riparian, or overlying owner may protect his rights for his present needs against an adverse appropriator by actually taking the needed water before the five-year period has run, or by the aid of the courts in the form of a declaratory judgment or injunction within the five-year period.

Determination of Water Rights

Under provisions of the Water Code, actions brought before either state or federal courts which involve determination of rights to the use of water may, at the court's discretion, be referred to the State Water Rights Board. Under provisions of Water Code Section 2000, the court may appoint the board to referee "any or all issues involved in the suit", or under Section 2001, it may limit the reference to "investigations of and report upon any or all physical facts involved". This reference procedure may be followed in suits involving either surface or ground waters, or both.

An alternative procedure for adjudication of rights to the use of water of streams, lakes, and other bodies of water, is available upon petition to the State Water Rights Board, but the method excludes the determination of rights to take water from an underground supply other than from a subterranean stream flowing through known and definite channels. Water Code Sections 2500 to 2900, inclusive, authorize the initiation of such proceedings.

Court actions which involve a determination of all the relative rights to the use of water of an entire stream or stream system and/or ground water basin afford a basis for distribution of water after decrees under watermaster service. Water users may secure the services of the Department of Water Resources under Water Code Sections 4000 to 4407, inclusive, in making distribution of the water to them according to their respective rights as determined by the court.

Litigation Concerning Water Rights

Shasta River Adjudication

In July 1921, several water users on the lower Shasta River complained to the Division of Water Rights of the lack of water due to diversions by upstream permittees. An investigation was made by the division, and after mutual agreement of the parties, an engineer of the division was stationed in the valley to apportion the water. After receiving a petition for complete adjudication of the water rights on the Shasta River system, an order initiating the proceedings was entered by the Division on December 21, 1921.

A field investigation was conducted during the summer months of 1922 and 1923 in which measurements were made of the

water supply and the various diversions. The report of this investigation was submitted on July 1, 1925, and the adjudication proceedings were initiated in the Superior Court of the State of California, in and for the County of Siskiyou, in June 1928. The judgment and decree were entered December 30, 1932, in Judgment Book 12, page 189.

Although over 600 diversions are entered in the adjudication, not all of them are reported in this investigation. Some did not meet the minimum size requirements, some have been combined with other diversions, and others have been abandoned.

Shackleford Creek Adjudication

On January 18, 1944, certain water users filed a petition with the Department of Public Works, requesting a determination of the rights of the various claimants in and to the use of the waters of Shackleford Creek and its tributaries. On September 1, 1944, the Department began an investigation of water supply, conduits diverting water, lands irrigated, and other data essential to the determination of rights. Field work was completed on about November 1, 1944.

Thirty-seven proofs of rights were filed with the Department by claimants, after which the Department determined the rights of the parties involved. During the 1945 and 1946 irrigation seasons a trial distribution of waters, supervised by a department watermaster, was conducted.

All the evidence taken by or filed with the Department was opened for inspection by all interested parties, and contests of claims were received by the Department. Hearings were then held until all contests were disposed by agreement.

An agreement entitled "Stipulation for Order of Determination" was signed by all parties to the determination except two, whose joint claim of right is based upon Application 10350 and Permit 6113. The agreement provides that all of claimants' rights and interests in the use of waters of Shackleford Creek and its tributaries are settled and compromised as set forth in the agreement which was filed October 3, 1949. On January 19, 1950, the Order of Determination was affirmed by the Superior Court of the State of California, in and for the County of Siskiyou, after no exceptions were filed. The decree was entered in Judgment Volume 19, page 472. Application 10350 and Permit 6113 were revoked on February 24, 1959.

John H. Mason, et al, vs. Harry M. Bemrod, et al (French Creek)

On August 3, 1951, owners of riparian lands along
French Creek brought suit in the Superior Court of the State of
California, in and for the County of Siskiyou, to establish their
right against upstream users. An answer and cross complaint were
filed on October 17, 1951. On February 25, 1952, an amended
cross complaint was filed, naming additional parties who use water
from French Creek, and praying that they would appear in court and
state the nature and extent of their water right. By order of
reference filed March 19, 1953, the Department of Public Works,
acting through the State Engineer, was appointed referee to
investigate and determine the issues involved in the action. Upon
motion by the Department of Public Works and by "Minute Order"
dated February 14, 1955, the court directed that all diverters
and potential diverters be brought into the action.

An investigation was conducted by the Department which included a survey of the location of ditches and areas irrigated, measurement of streamflow, and water use. The results of these surveys and measurements were compiled and are contained in two reports, "Water Supply and Use of Water on French Creek Stream System, March 1945", and "Supplemental Report on Water Supply and Use of Water on French Creek Stream System, February 1956", On July 5, 1956, the Department, as referee, filed its final report with the court. Exceptions to this report of referee were filed by six water users on French Creek. The Division of Water Resources of the Department of Public Works was succeeded by the State Water Rights Board as referee, effective July 5, 1956.

The case came before the court for hearing and trial between June 16 and June 23, 1958, in which the rights and interests of all parties involved were determined. A judgment was filed July 1, 1958, and entered in Civil Judgments, Volume 7, page 82.

Sugar Creek Adjudications

Three adjudications for water in Sugar Creek were made by the Superior Court of Siskiyou County:

6/20/06 Case No. 2719 Watson vs. Wade

3/23/26 Case No. 5904 Parker vs. Fay and Deas

5/5/64 Case No. 19227 Barnes, LaFevers, and Birdwell vs. Mullins, Cook, et al.

The 1906 adjudication established nine priorities. The 1926 adjudication modified the first and second priorities. The

1964 adjudication made no changes in these priorities but did assign priorities to two rights established by appropriation under Application Nos. 15769 and 15770, decreeing them junior to priorities 1, 2, 7 and 8 of the 1906 adjudication. (The remaining priorities were not mentioned in the 1964 decree.)

The nine original priorities and the 1926 modification, are listed below. Also shown are those diversions described in this report that could be identified with the priorities.

Diversion Number	Priority	Amount of Right (MI under 4" pressure)
40N/9W-11J1	lst	30 (increased to 60 MI)
40N/9W-12Fl and 12F2	2nd	85 (decreased to 55 MI)
40n/9w-15K1	3rd	76
Not identified	4th	125
40N/9W-21A1	5th	180
40n/9w-15k1	6th	19
40N/9W-11J1	7th	70
40N/9W-11Q1	8th	100
40N/9W-15K1	9th	605

Applications to Appropriate Water

Applications to appropriate water within the Shasta-Scott Valleys Hydrographic Unit, filed with the State since 1914 and active on June 28, 1960, are summarized in Table C-1. For each application relative to a diversion reported in Chapter II the diversion location is included in the table. The status of each application as to the granting of a permit or license is also shown in the table.

TABLE C-I
APPLICATIONS TO APPROPRIATE WATER IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

(Filed with State Water Rights Board as of June 28, 1960)

0400		Diversion		2	Location of	Point of	of Diversion	ion	Period		
Đ	Present Outner	Location	Source	4/	4/	Sac	q.	© ©	Amount	Purpose	Stotus
**************************************	urreada Irrivation District	109-45/367	Shasta River	75%	PN.	4	MS NE7	д	40.0 cfs Apr 1-0ct 1	. 1 Irrigation, l. 4)9 acres	P-501
91/2, 11	Scott Valiny Intigation District	418/4M-281	Scott Aver	MN.	2	2	MU7	₽	62.50 cfs Jan 1-Dec 31	131 Irrivation, 5,131.3 acres	7
10,17/14	frank v. hayden	40%/P##13E3	East Fork Scott River	NE	36	13	MS NOT	₽	l.25 cfs Jun l-Aug l	3 l Irrigation, 80 acres	1-325
7/23 23	Montague Water Conservation Distract	4W/ #-25L1	Shasta Aver	NW	es es	35 4	MS NE7	욧	35,000 af Oct 1-Jun 15	n 15 Irrigation, 19,500 acres	P=2452
7730,25	Montague Water Conservation District	4-18, 144-27.	Parks Creek	FLM	*S	8	MS NET	9	14,000 af Oct 1-Jun 15	1 15 Irrigation, 19,500 acres	P-2453
4	e, A. and Effice mellons and Frank Alexanter	1,21/4,W-28ET	Shasta fdver	MS	*	77 877	M27	Ð	7 af Dec 1-Mar 1	r] Irrigation, 34 acres	1-1195
11/9/25	R. 4. Ecotrom	4-21/64-1481	Shasta River	NE	¥.	-1	NT)	9	0.25 cfs Mar 1-Jun 15	1 15 Irrigation, 20 acres	1-1141
2/4/30	Montague Water Conservation District	4.4./54-26R2	Little Shasta River	SE	22 22 23	92	N57	9	2,30 cfs dan 1-Dec 31	: 31 Industriel, municipal, and domestic	P-2581
5/33/32	J. H., E. M., F. L., and F. H.	1	Little Carmen Greek	35	3	29 47	ML NO7	9	0.85 cfs Feb 1-Jun 30		1-2238
5/23/32	G. H., E. M., F. L., and F. H.	ı	Little Garmen Greek	SE	N.	- 3	ML NOT	9	3 cfs Feb 1-Jun 30	Hining and domestic	1-2239
31577	Abbert L. Couch	ı	Mill Greek	NE	NE	7 82	73N 10M	9	0.62 cfs Mar 1-Nov 1	/ lrigation, 30 acres	1-1966
98/01/01	eillism W. Valentine, Jr.	438/5W-15R1	Clear Spring	35	3	77	MS NET	9	2.5 cfs Har 1-Nov 1 Jan 1-Dec 31	I Irrigat on, 203.15 acres: 31 Stockwatering	1,4151
5/15/42	Matel M. and Wilbur L. Montgomery	ţ	Kidder Creek	3	M.N.	31 4	#6 NE7	Ð	1.1 cfs Apr 1-Jun 30	30 Irrigation, 40 acres	1-3231
£/88/43	Hertert A. Dleep	;	Hayden Spring South Fork Humbug Julch	N M	N. S.	77	ML NS7	9 9	0,9 af Nov 1-Mar 1 2,61 af	Irrigation, 6 acres	17,588
3/-2, 40	Mary M. and Yerne 5. Alexander	\$	Rattlesnake Greek	NE	3	10	M6 N777	Ð	15,000 grd Nov 1-Jul 31 Mar 15-Jul 31	131 Domestic and stockwatering	1-3133
14/11/4	H. E. and Ann Pestody	di e	Feabody Greek tributury to Parks Greek Spring tributary to Peabody Greek	38.	3.8	44	MS NT7	6 6	0.125 ofs Jan 1-Dec 31 Apr 1-Oct 31	: 31 Domestic and stockwatering	1-3076
1/8/45	Earl B. Plock	458/44-32H1	Little Shasta Hiver	AS	Ð	32 4	25 NS7	ğ	9.6 cfs Jan 1-Dec 31	: 31 Irrigation, 477.8, acres	75066
2/211/45	Donald E. and Illene D. Watson	458 '44-50J1	Little Shasta Miver	3N	SE	30	MS NS7	g	3 ofs Mar 1-Mar 31 223 af Nov 1-Apr 1	31 Irritation, 92,9 scres	1-4286
54/00/5	Edyth mass and Marris mass Cornick	458/4W-30K2	Bassy Spring Creek	385	ĕ	98	M97 N57	9	2.9 cfs Nov 1-Dec 1	1 Irrigation, 230 acres Stockwatering	F-3413
8/32/98	Jessie C. Martin	1	Martin Syring Greek	NE	33 N	30 7	M7 N57	9	3.0 cfa how 1-Dec 0.9 cfs Dec 1-Mar	: I Irrigation, 300 acres	L-3432
57/12/9	Edson L. Foulke, Jr.	4.38/6W-34R1	Willow Greek Kiernan Slough	SE	25 ES	3.2	M9 NE7	99	308 af Nov 1-May 1	Irrigation, 455.5 acres	17440
7/13/46	Star Ranch, Inc.	4 15 /9W-3112	Scott Alver	E S	NE	9	M6 NC7	Ð	10 ofs Nam 1-Dec 31 Apr 1-Oct 1	: 31 Stockwatering	1-54.94
1/23/47	carl B. Plock	1451/44-32HI	Little Shasta River	SE	Æ	32 4	MS NS77	₽	1,000 af Dec 1-Mar 1		1-5007
27/5/6	Margaret B. Collins	1	South Fork Scott adver	35	3E	33	M6 N07	9	2 cfs Jan 1-Dec 31	31 Mining and domestic	1-3%7

TABLE C-1 (Continued)
APPLICATIONS TO APPROPRIATE WATER IN
SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

(Filed with State Water Rights Board as of June 28,1960)

Application	000		Diversion		_	L000110	Locotion of Point of Diversion	10 40	iversion		9		
Nedber	Filed	Present Owner	Locotion	Source	74	74	Sac	۵	œ	0 0	Amount Diversion	Purpose	Stotue
12771	10/31/47	Wilbur L. and Makel M. Montecomery	ı	Kidder Grack	MN.	<u>z</u>	31	N67	₹	Ð	0.3 cfs Apr 1-Jun 15	Irigation, 10 acres	1-3232
12738	10/8/48	C. E. and Muth F. Barnett	ı	Alder Greek tributary to Etna Greek	35	NS:	0	NT7	₹	Ð	0.25 cfs Jan 1-Dec 31	Power and domestic	L-3705
13929	2/10/49	United States Klamath National Forest	9	Boulder Creek	SN.	M N	~	39N	8	£	11,500 gpd Jan 1-Dec 31 May 1-Sept 15	Domestic Irrigation	1-3609
13150	6/13/49	day Soule	45%/44-1912	Little Shasta River	₹	S.	19	N5 7	74.77	Ð	132.2 sf Dec 1-Feb 1	Irrigation, 204,4 seres	16597
13200	6731/13	Donald E. and Illene D. Watson	10:6-Ma/857	Little Shasta River	¥	S	Я	N577	35.	9	318 af Nov 1-Apr 1	Irrigation, 114.7 acres	1,287
13283	67/8/8	R. E. H. Julien	645/6W-21A1	Julien Creek	ž.	NE	72	N+t/t	35	Ð	49 af Nov 1-Apr 1	Stockwatering, firm culture, and irrigation, 160 scres	L-5309
13462	11/11/43	Earl B. Flock	451/5W- (2H1	Little Shusta River	SE	NE	32	N54	MS	9	2,250 af Nov 1-Mar 1	Irrigation, 1,148.3 acres	P~7918
13,90	17/29/43	Narry 3. Matteson, Jr.	1	Ruffy Rulch tributary to Etna Creek	SE	월	\$	NT7	- ₹	Ð	0.5 cfs Apr 1-Jun l	Irrigation, 45 Acres	1-4725
1 2,91	11 29/43	Harry G. and Brends Matteson	89 III	Etna Creek	M	NE	₹/	NT7	S.	Ð	1.0 ofs Mar 15-May 15	Irrigation, 60 acres	1-3982
13631	3/13/50	Freeman Brothers	1	Shaste Alver	S	MN	7	N ^{††}	#19	₽	1,25 cfs Mar 15-Sept	1.25 ofs Mar 15.Sept 30 Lrt. atton, 101 acres	P-058
12,077.	11/28/50	Leonard L. Shelley	776 T-#17/11577	Little Shasta River	Œ	N.	19	N57	35	₽	363.4 af Dec 1-Feb 1	Irrigation, 356.43 acres	1-5349
14590	11/15/51	Earl B. Mock	4,5%, 54+ (2H)	Little Shasta River	SE	NE E	32	45N	35.	Ð	6.0 cfs Mar 1-Jun 1	Irrigation, 341.52 serve	1-5068
11,712	3/13/52	Price K. and Mildred Long	1	Tributary to Little Shasta Miver	2	ž	8	N57	35,	9	0.5 of Blow 1-May 31	Stockwatering	1-5396
14015	27/21/6	Donald True, ir. and Margarette L. True	1	Julian Greek	E 8	NE	27	LLN LLN	75 PS	9 9	0.75 ofs Mar 1-Nov 1	Stockwatering and 1rr1 gutton, 80.1 acres	F-9860
15-12	3/2/53	International Paper Company	1	Orizzly Creek	₩.	SE	33	NO7	%	Ð	0.025 cfs May 1-ont 1	Intigation, 2 acres	L-5281
15613	11/18/53	Alexander H. Comnacher		Little Jackwon Greek	SE	NE	6	39%	35.	Ð	2.0 cfs Jan 1-Dec 31	Maning and domestic	282
1:047	1/1./24	Charles I. and Ellen B. Drumpad	4431, 4-2133	Tritutory to abite Slough	35	3E	8	N ₁ , j	35	ਉ	110 af vet 1-Apr 1	Irrigation, 282 acres	£286-4
J. 55 *** **	1/17/4	Menn C. and Betty :. Barnes	4. Fe/ON-1111	Suger Greek	¥	S.	п	NO7	75	ę	1.25 cfs Mar 1-Nov 1	Irrkntion, 100 acres	1-5266
1577	3,10,74	Conald and David LaFevers	ALE, VW-11J1 Sugar Greek	Sugar Greek	NE.	SE	п	807	34	Q	2.25 ofs Mar 1-Nov 1	Irrigation, 166 acres	1-5265
161,3	11/13/4	Carroll 4, un: Araldine M. Birdwell	Id I - May/28***	Scott Marr	72	75.0	31	N*7"7	35	g	2 ofs May 15-Oct 1	Irriention, 1.45 acres	2104-1
744	5: 47	Motted weaths Klameth Batiman.	1	Spring tributary to Mill Greek	W	S	74	NT7	10W	£	2,000 Epd May 1-Uct 31	Americ and attornational	1-5316
16698	55,752/5	caty of Yrona	60%/78-,301	Subsuriace flow of Treka Greek	N.	N.	ຄ	75 P.	75	Ð	1.68 cfs Jan 1-Dec 31	Municipal	1-0037
166.9	8/8/55	Montague Water Conservation District	1,347×W-45L3	Shasta alvor Parks Crook	걸중	8 S	2,8	867 867	% %.		20,000 af Oct 1-Jul 1	Irrient on, 11,500 acres	P-10751
16576	8/15/28	Bernard F. und Harriet A. Davidson	2, 13, 1 4M-12MI	Tributary to Scott adver	Swi	32	n	#67)¢	ð	0.61 efs May 15-Oct 1	Intlantan, water	1-6.10
P - Princeses	s tempt parts	P = Initiates commit number fappitability approved.	dicates liberia	L - Indicates literas number of right confirmed. Incomplete - Indicates application not yet complete.	Leates a	pplicati	on not	tec cont	dete.	Pendin	5 - Indicates application o	Pending - Indicates application complete but not yet at	

TABLE C-1 (Continued)

(Filed with State Water Rights Board as of June 28, 1960) APPLICATIONS TO APPROPRIATE WATER IN SHASTA-SCOTT VALLEYS HYDROGRAPHIC UNIT

Application	Date.	0	Diversion			Location	Location of Point of Diversion	of O	version			Period		•
Negen	Filed		Locotion	904000	7/4	74	Sec	Ē.	αc	3E 00 00	Amount	Diversion	Purpase	Stotus
		The second secon	†	Right of Long Green	Ħ	35	ž	161 -7	7.4	ğ	3 a d. Ch.	Take 1-kpf 1	St. commitmentation of a property of the	7 .s
-	-	Company of the Compan	1	Me, recoloure where	75	35	÷	75	78	ę	35 5 7 7 C	Nov 1-Apr 1	ילטיישרי יניה אטיי סכי	: (
		articlas castientias y in	1	Shart i tav r	1	1	۷	10 10 10	35	MD MD	Jr. CC+ 1747	Jun 1-Dec si	Irracitacy domests; sumicion, industrie, recrisi ne, and fish and Wildiff	Incomplete
		And the state of t	1	AND THE WEST	1	1	17	2 7	₹	9	J8 000 8K	J.n 1-Dec 31	Irraritain, domestic, municipa, adaust recruita is, and for and estatife	Incheset
, b	· · / · :	to me the State Human	1		37	35	37	24	e	ã	2.7' cfs A	Apr 1-Jet 5.	Erra de la como de deser	1-11-5
of ci		Acceptance of Gavid regeron	423/54-1783	F4519; UTDPK	N	্ট গ	17	1177	-\$-	22	1.55 cfs J	Jan 1-Dec 31	Domertic wit tweer	5-17-3
, ** * * * * * * * * * * * * * * * * *	77 8 4 4	Taken A to black	453/14-11.61	The table of the transfer of t	3E is	33	83	4.534 4.58N	78 78	99	11 45	Eav I-Apr 1	SCOCKWARMING AND AFFEL ALITY.	Felling
- Pres	15.4.52	50 1 + 1 C +	1	Spring tributing to smeenburn Creek	75	75 25	à	11577	78	Ø	0,34± gpd J	Jan 1-Dec 31	Domestic	P=11.204
Ĉ.	ŗ	Commond Commond	144/594-2082 127/54-1731 147/54-1731 1475-147/54	Pricutary to white Slouch Including to write Slouch Triubing to white Slouch Triubing to white Slouch	조종로등	25 1 1 2 2	2248	na i	द के कि ह	5555	30 ar 38 ar 148 ar 148 ar	Oct 1-Apr .	Stockwatering, prograft, meas and arrayelion, ind agres	£(4.53.54
ř,	54,00/10	Marke of the same	ŧ	Spring tribulary to East Purk Scott Maver Spring tribulary to East Pirk Scott Maver	43 % 60 %	25.25	<u> </u>	NOT	35	9.9	2,880 gpd J	2,830 gpd Jan 1-Dec 31	Domestic	L-5973
27.17	8//**	Joott Kalley Imminitation	438/99-341	Scott alver	## 27	S.	m	23	*	Ð	45 cfs A	Apr 1-0ct 1	Irravation, 1,028.7 acres	P=11,768
40.07	5) T (4	A CONTRACTOR OF THE SECOND SEC	453474-3342	Jrvenhorn Orvek	景	121 121	33	17.5%	3	720	4 class	Jun 1-Dec 33 Nov 1-May 1	Municifal	P=11696
n ¹	6./2.12	Think is the Mares of Busher	!	Spring tributer, to Mil. Greek	75	25		1,632	NO.1	Q	4,000 ppd dan inDec	an i-Dec 31	Domestic and iffugation,	P-11682
7	0 1/11	Authorities of the second	1	Thik story to treath 31 uph		ž	1	W5*7	Page 1	Z Z	150 af U	Oct 1-Rur 30	secreat, was and irresation,	P-11935
J	+./	inited obside Frameth Motorosi Forest	4	Tributary to Indian Greek	£	4	3	11577	35	百	500 KFd Apr 1-Dec	pr 1-Dec 31	Stockwatering	P=1 056
\$	+=//-	United otates Asamith Mational Forest	1	Kelly Julch	3	3	17	453	75	£	500 gpd Apr 1-Dec	pr 1-Dec 31	Stockwatering	P=11975
	+5/4*/-	Azyrın İFJPDLOOL	!	Shasts Aiver tributury to Alamath Siver	ij	350	~4	1,5%	7.	Ð	0,35 cfs M	Mar 1-Sept 30	Irrigation, 25 acres	P=1 (907
Ę	4.747.4	entransity in a second	t	inigrant Greek tributary to Mill Greek	35	뮑	ii.	367	<u></u>	Ð	0.25 cfs 5	um s−ompt 15	Damestic and irrigation, 30 acres	P=12309
											,			
								7	1	1				

APPENDIX D

DETAILED DESCRIPTIONS OF CERTAIN SURFACE WATER DIVERSIONS

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Shasta River Water Users Association	0-9

APPENDIX D

DETAILED DESCRIPTIONS OF CERTAIN SURFACE WATER DIVERSIONS

Big Springs Irrigation District (Diversion 43N/5W-3R2, Dwinnell Reservoir Subunit)

The Big Springs Irrigation District was organized March 13, 1913, as the Big Springs Water Company. In the Shasta River Adjudication No. 7035, Siskiyou County Superior Court, December 30, 1932, the district was granted a right to divert 30.0 cubic feet per second from Big Springs from April 1 to October 1 of each year. This right, as described in paragraph 14 of the Judgment and Decree, was based upon water appropriation notice, dated March 22, 1913, and recorded April 2, 1913, in Book of Water Rights, page 55, Siskiyou County Records.

Water is diverted from Big Springs by a 20-inch pump powered by a 250-horsepower electric motor. The intake is 12 feet of 24-inch steel pipe. The discharge is 44-inch wood stave pipe, 1,468 feet in length. The pump, rated at 14,400 gallons per minute, operates under a static head of 58 feet.

The present service area, as shown on sheet 6 of Plate 2, consists of 3,586 acres. Irrigated lands comprise primarily alfalfa and mixed pasture, as shown in Table 7. An additional 64 acres within the boundary of the district were 1r-rigated by diversion 43N/5W-3R1, during 1958.

Edson-Foulke Yreka Ditch Company (Diversions 41N/5W-9Pl, Weed Subunit; 41N/5W-6Dl, Parks Creek Subunit; 42N/6W-10Gl, Grenada Subunit)

The Edson-Foulke Yreka Ditch Company is successor to the Edson-Foulke Company, the Shasta River Canal Company, the

Yreka Water Company and the Yreka Ditch Company.

In 1854, the Yreka Ditch Company began construction of a ditch to bring water from Shasta River, Parks Creek, and other intermediate streams to the mines in and around the town of Yreka. The main diversion point from Shasta River, 41N/5W-9Pl (Weed Subunit), is about 30 air miles southeast of Yreka. However, a survey showed that approximately 95 miles of ditch would have to be built to cover this distance. The undertaking proved to be financially impossible for the backers of the Yreka Ditch Company. The unpaid workers, determined to complete the project, formed the Yreka Water Company, finished the ditch, and delivered water to Yreka Flats in 1856. Through the years, the ditch has been given such names as the "Big Ditch," the "China Ditch," and the "Yreka Ditch."

Today this ditch is known as the "Edson-Foulke Yreka Ditch." Water from Shasta River diverted by this ditch is supplemented by water from Parks Creek diverted by a second ditch (41N/5W-6D1) known as the Edson-Foulke Ditch.

Diversion facilities on Shasta River consist of a log and rock dam, 2 feet high by 30 feet long, diverting through a concrete diversion box and Parshall flume. The ditch, approximately 6 feet in width and 3 feet deep, flows 4 miles from the Shasta River to the Parks Creek diversion. Here the ditch enlarges to 8 feet in width and is 4 feet in depth for the remaining 8 miles to the point where the water flows down the hillside to the primary distribution canal called the "Webb Lateral." Additional

water is diverted from Willow Creek into the Webb Lateral by an earth dam (42N/6W-10G1) which is built and removed annually.

Paragraph 116 of the Shasta River Adjudication Proceedings No. 7035, Siskiyou County Superior Court, December 30, 1932, entitles the company to divert from Shasta River at diversion point 41N/5W-9Pl (Weed Subunit), 21.15 cubic feet per second from March 1 to November 1, and 4.55 cubic feet per second from November 1 to March 1. The company can divert, from Parks Creek, 7.45 cubic feet per second, March 1 to November 1, at diversion point 41N-5W-6Dl (Parks Creek Subunit). In addition, 7.45 cubic feet per second and 228 acre-feet storage are allotted to the company from either Shasta River or Parks Creek, or in part from both sources, between November 1 to March 1, via the abovementioned points of diversion.

Paragraph 117 entitles the company to divert from Shasta River, at diversion point 41N/5W-9Pl (Weed Subunit), 1.75 cubic feet per second from March 1 to November 1, and 0.40 cubic foot per second from November 1 to March 1. The company can divert from Parks Creek, at diversion point 41N/5W-6Dl (Parks Creek Subunit), 0.60 cubic foot per second March 1 to November 1. In addition, 0.60 cubic foot per second is allotted to the company from either Shasta River or Parks Creek, or in part from both sources, between November 1 to March 1 at the above-mentioned points of diversion.

Paragraph 118 entitles the company to divert from Willow Creek, at diversion point 42N/6W-10Gl (Grenada Subunit) where the Webb Lateral intercepts Willow Creek, 2.10 cubic feet

per second from March 1 to November 1, and 0.70 cubic foot per second from November 1 to March 1, in lieu of amounts of water allotted from Shasta River and Parks Creek under Paragraph 117.

Grenada Irrigation District (Diversion 43N/5W-6D1, Grenada Subunit)

The Grenada Irrigation District was originally organized as the Lucerne Water Company to supply irrigation water to about 4,000 acres located southwest of Grenada. In the Shasta River Adjudication No. 7035, Siskiyou County Superior Court, December 30, 1932, the district was granted a right to divert 40 cubic feet per second from the Shasta River, April 1 to October 1 of each year. This right was based upon Permit No. 501, issued by the Division of Water Rights to the Lucerne Water Company on its Application No. 448, filed August 28, 1916.

The first unit of the pumping plant, having a capacity of 12,500 gallons per minute, was installed and began pumping in April or May 1917. A second pump, rated at 10,000 gallons per minute, was added and started pumping on July 1, 1918.

The district diverts from the river through 1,000 feet of canal used jointly with the Huesman Ditch. A masonry dam is maintained in the river to divert water into the canal, where two 18-inch pumps lift it 72 feet, through 720 feet of 44-inch wood stave pipe to the main canal. It then flows by gravity through 13 miles of unlined earth canal.

The present service area, as shown on sheets 5 and 8 of Plate 2, consists of 1,858 acres, of which 1,322 acres were irrigated during 1958.

Montague Water Conservation District (Diversion 43N/5W-25Ll, Dwinnell Reservoir Subunit)

The Montague Water Conservation District, formerly the Montague Irrigation District, was organized May 5, 1925, after the dissolution of the Klamath-Shasta Valley Irrigation District. The latter district was organized in 1921 for the purpose of diverting Klamath River water into Shasta Valley. The costs of diverting such water were found to be excessive, and no action was taken to develop the project. The district was dissolved by the Siskiyou County Superior Court on January 23, 1924.

The Montague Irrigation District was then organized, and Shasta River Dam was constructed, forming Dwinnell Reservoir, with an effective storage capacity of about 34,000 acre-feet. The dam is 1,265 feet long by 98 feet high. The capacity was increased in March 1955 to 50,000 acre-feet, after a rubble berm was added to the toe of the dam. Canals were constructed for the purpose of delivering the water to farms in the vicinity of Montague, the main canal being 35 miles long.

Dwinnell Reservoir receives additional water from Parks Creek by diversion 42N/5W-29Ql. This diversion irrigated 5848 acres in 1958 of which 611 acres received additional water from 45N/5W-25B2 and 86 acres received additional water from 45N/6W-8Fl (Little Shasta Subunit). Prior to 1958, 919 acres were irrigated by 42N/5W-29Ql of which 36 acres received additional water from 45N/5W-25B2.

In the Shasta River Adjudication No. 7035, Siskiyou County Superior Court, Paragraph 287, December 30, 1932, the district was granted a right to impound 35,000 acre-feet per season

in Dwinnell Reservoir, based upon permit 2452, issued by the Division of Water Rights. An additional right to divert 14,000 acrefect from Parks Creek into the Shasta River above the reservoir was granted in Paragraph 288. This right was based upon Division of Water Rights permit 2453. The gross area of the district was 20,559 acres in 1958 (4,830 acres in Dwinnell Reservoir Subunit, and 15,729 acres in Little Shasta Subunit), of which 5,934 acres were irrigated.

Scott Valley Irrigation District (Diversions 41N/9W-2B1, Callahan Subunit, and 43N/9W-3H1, Lower Scott Valley Subunit)

The Scott Valley Irrigation District was organized on July 7, 1917. License No. 441, in the amount of 62.5 cubic feet per second, was issued by the Division of Water Rights in response to Application No. 512, filed by J. A. Matthews, November 2, 1916. The right was assigned to the Scott Valley Irrigation District on October 20, 1917.

Diversion facilities located 3 miles southeast of Etna in Callahan Subunit include a concrete and flashboard dam approximately 2 feet high and 50 feet long, with an earth wing wall. Water is diverted into the main canal and transported along the eastern edge of the valley approximately 16 miles to Fort Jones.

The portion of the district in Lower Scott Valley Subunit is supplied with water by two 12-inch pumps, one powered by a 50-horsepower and the other by a 100-horsepower electric motor located 1 mile west of Fort Jones on the Scott River. Water is pumped through a 30-inch steel pipe, three-quarters of a mile to the lower canal. This canal was previously connected to the main canal by one-half mile of inverted siphon, which was damaged when the highway to Etna was relocated. Permit No. 11768 for 25 cubic feet per second has been issued by the Mater Rights Board in response to Application No. 17997, filed by the district on February 11, 1958.

Shasta River Water Users Association (14N/6W-3N1, Little Shasta Subunit)

The Shasta River Water Users Association is a mutual water company organized in 1912. About 4,000 acres lying north of Grenada and west of the Shasta River were subdivided on a "land settlement" plan, where the cost of building, implements, stock, etc., was incorporated into the purchase price of the land.

In the Shasta River Adjudication No. 7035, Siskiyou County Superior Court, Paragraph 341, December 30, 1932, the association was granted a right to divert 42 cubic feet per second from the Shasta River, based upon a water appropriation notice dated November 23, 1912, and recorded December 4, 1912, in Book 7 of Jater Rights, page 49, Siskiyou County Records.

Mater is pumped uphill by two pumps on the west bank of Shasta River 3 miles north of Grenada. The pipelines discharge at high points near the centers of two canals along the hillside. From these points, the water flows two directions in each canal; north to lands in Little Shasta Subunit and south to lands in Grenada Subunit.

The High Line Unit is a 12-inch nump rated at 13.95 cubic feet per second with a 225-horsepower electric motor, pumping through 1,970 feet of 2h-inch wood stave pipe, discharging into the High Line Canal.

The Low Line Unit is a 16-inch pump rated at 28.1 cubic feet per second with a 360-horsepower electric motor, pumping through 1,703 feet of 36-inch diameter wood stave pipe, discharging into the Low Tine Canal.

The gross area within the boundary, as shown on sheets 2 and 5 of Plate 2, is 6,593 acres (2,199 acres in Grenada Subunit, and 4,394 acres in Little Shasta Subunit), of which 4,259 acres were irrigated in 1958.

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